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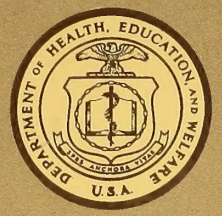

U.S. NATIONAL INSTITUTES OF HEALTH

NEW GRANTS AND AWARDS

REPORT 19 M

Arranged by State, City and Institution

Announced During

JUNE 1976

U.S. DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
Public Health Service

PREPARED BY

NATIONAL INSTITUTES OF HEALTH

DIVISION OF RESEARCH GRANTS

STATISTICS AND ANALYSIS BRANCH

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SYMBOLS USED TO IDENTIFY THE SUPPORTING INSTITUTE OR DIVISION

AG NATIONAL INSTITUTE ON AGING
AI NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES
AM NATIONAL INSTITUTE OF ARTHRITIS, METABOLISM, AND DIGESTIVE DISEASES
CA NATIONAL CANCER INSTITUTE

- CA DIVISION OF CANCER RESEARCH RESOURCES AND CENTERS
- CB DIVISION OF CANCER BIOLOGY AND DIAGNOSIS
- CM DIVISION OF CANCER TREATMENT
- CN OFFICE OF CANCER CONTROL
- CO OFFICE OF THE DIRECTOR, NCI
- CP DIVISION OF CANCER CAUSE AND PREVENTION

DE NATIONAL INSTITUTE OF DENTAL RESEARCH
ES NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES
EY NATIONAL EYE INSTITUTE
GM NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES
HD NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT
HL NATIONAL HEART AND LUNG INSTITUTE

- HB DIVISION OF BLOOD DISEASES AND RESOURCES
- HO OFFICE OF THE DIRECTOR, NHLI
- HR DIVISION OF LUNG DISEASES
- HV DIVISION OF HEART AND VASCULAR DISEASES

JT JOINT CONTRACT SPONSORSHIP
LM NATIONAL LIBRARY OF MEDICINE
NS NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND STROKE
OD OFFICE OF THE DIRECTOR, NIH
RR DIVISION OF RESEARCH RESOURCES
RS DIVISION OF RESEARCH SERVICES
TW FOGARTY INTERNATIONAL CENTER

GRANTS AND AWARDS ANNOUNCED DURING JUNE 1976

I/D	RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS		CONSTRUCTION GRANTS		MEDICAL LIBRARY GRANTS		OTHER AWARDS	
	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT
AG					5	367,735			4	43,100						
AI	29	1,466,547	3	70,000	5	485,216			18	196,100						
AM	42	2,099,448	10	248,069	15	1,895,527			5	55,800						
CA	284	17,285,797	5	119,501			7	631,985	3	8,475						
CB					64	6,607,176										
CM					25	4,728,625										
CN					6	3,600,052										
CO					6	1,519,764										
CP					50	4,554,531										
DE	4	140,471			14	1,623,963	1	37,248	1	1,439						
ES	8	325,804			14	1,089,172										
EY	32	1,477,005	6	160,154	8	416,950										
GM	29	1,209,728	31	668,401	5	686,765			1	3,250						
HB					14	1,526,039										
HD	27	1,768,954	3	72,000	59	5,524,097	1	149,473								
HL	74	3,329,091	17	565,990												
HO					1	63,210										
HR					28	1,876,621										
HV					13	2,349,360										
JT					1	30,000										
LM					22	2,037,072										
NS	15	1,301,958	2	46,500	8	1,749,073										
OD					5	607,763										

*INCLUDES DIRECT COST ONLY FOR NIH RESEARCH GRANTS

GRANTS AND AWARDS ANNOUNCED DURING JUNE 1976

I/D	RESEARCH GRANTS*		RESEARCH CAREER PROGRAM AWARDS		R & D CONTRACTS		TRAINING GRANTS		FELLOWSHIP AWARDS		CONSTRUCTION GRANTS		MEDICAL LIBRARY GRANTS		OTHER AWARDS	
	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT	NUMBER	AMOUNT
RR	7	811,224			7	1,566,691										
RS					2	23,834										
TW									44	614,337						
	551	31,216,027	77	1,950,615	377	44,929,236	9	818,706	76	922,501						

*INCLUDES DIRECT COST ONLY FOR NIH RESEARCH GRANTS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
SOUTHERN RESEARCH INSTITUTE			
CA20070-01	BROCKMAN, ROBERT W	BIOCHEMICAL STUDY OF COLON TUMOR ANTICANCER AGENTS	49,788
CA18263-01A1	SANI, BRAHMA P	STUDIES ON RETINOIC ACID AND BINDING PROTEIN	40,059
INSTITUTION TOTAL	2	89,847	
UNIVERSITY OF ALABAMA IN BIRMINGHAM			
CA17928-01A1	BUTTERWORTH, C E, JR	NUTRITIONAL SUPPORT & REHABILITATION FOR CANCER PATIENTS	67,995
HD09732-01	DILLON, HUGH C, JR	DIPLOCOCCUS PNEUMONIAE: INFECTION AND IMMUNITY	29,640
EY01757-01	PIANTANIDA, THOMAS P	TEMPORAL PROCESSING IN HUMAN COLOR VISION	29,257
CA19918-01	TOMANA, MILAN	BIOCHEMISTRY OF CARBOHYDRATES IN CELL SURFACE COMPONENTS	38,705
INSTITUTION TOTAL	4	165,597	
CITY TOTAL	6	255,444	
NORMAL			
ALABAMA AGRICULTURAL AND MECHANICAL UNIVERSITY			
RR08149-01	JENKINS, ALICE C	SUPPORT FOR SOMATOTROPHIN AND PESTICIDE STUDY	154,522
INSTITUTION TOTAL	1	154,522	
CITY TOTAL	1	154,522	
STATE TOTAL	7	409,966	
ARIZONA			
TUCSON			
UNIVERSITY OF ARIZONA			
CA17731-01	BARRETT, HARRISON H	CODED-APERTURE SYSTEMS FOR NUCLEAR DOSE REDUCTION	52,635
CA19892-01	JONES, STEPHEN E	NONHODGKIN'S LYMPHOMAS NATIONAL SYMPOSIUM	77,700
HL18997-01	WITTE, MARLYS H	ISCHEMIC THERAPY IN EXPERIMENTAL HYPERSPLENISM	27,130
INSTITUTION TOTAL	3	157,465	
CITY TOTAL	3	157,465	
STATE TOTAL	3	157,465	
ARKANSAS			
LITTLE ROCK			
UNIVERSITY OF ARKANSAS MEDICAL SCIENCES CAMPUS			
CA19018-01	NAGLE, WILLIAM A	HYPERTHERMIA AND RADIATION: X-RAYS VS FAST NEUTRONS	60,190

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ARKANSAS			
LITTLE ROCK			
UNIVERSITY OF ARKANSAS MEDICAL SCIENCES CAMPUS			
HL18421-01	YORK, J LYNDAL	FIBRIN METABOLISM IN THE ATHEROSCLEROTIC	22,755
INSTITUTION TOTAL	2	82,945	
CITY TOTAL	2	82,945	
STATE TOTAL	2	82,945	
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
CA19138-01	CASTRO, JOSEPH R	TREATMENT OF CANCER WITH HELIUM AND HEAVY IONS	473,973
CA19058-01	DANIELL, ELLEN	CELL TRANSFORMATION BY DEFECTIVE VIRUS PARTICLES	46,891
EY01755-01	POLSE, KENNETH A	CONTACT LENS EFFECTS ON REFRACTIVE ERROR	35,000
INSTITUTION TOTAL	3	555,864	
CITY TOTAL	3	555,864	
CLAREMONT			
CLAREMONT COLLEGES SYSTEM--PITZER COLLEGE			
HD09644-01	ATWELL, CONSTANCE W	CONSEQUENCES OF VESTIBULAR SELF-STIMULATION IN INFANTS	40,914
INSTITUTION TOTAL	1	40,914	
CITY TOTAL	1	40,914	
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
HL18619-01	FEENEY, ROBERT E	TRANSFERRIN IRON BINDING AND TRANSPORT PROPERTIES	26,624
INSTITUTION TOTAL	1	26,624	
CITY TOTAL	1	26,624	
IRVINE			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE			
CA19944-01	CASERIO, MARJORIE C	ALKYLATION OF DISULFIDES-SULFENYL SALTS	34,459
CA19401-01	STANBRIDGE, ERIC J	GENETIC ANALYSIS OF HUMAN MALIGNANCY	59,935
INSTITUTION TOTAL	2	94,394	
CITY TOTAL	2	94,394	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
LA JOLLA			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
CA19523-01	HAMILTON, RICHARD T	COMPARISON OF TRANSPORT IN NORMAL AND TRANSFORMED CELLS	63,830
CA19312-01	YOGLESWARAN, GANESA	GLYCOLIPIDS, SURFACE GLYCOPROTEINS AND TUMOR METASTASIS	50,900
INSTITUTION TOTAL	2	114,730	
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
CA16600-01A1	HUENNEKENS, FRANK M	CANCER CENTER SUPPORT GRANT (SPECIALIZED)	249,955
CA18664-01	SINHA, YAGYA N	ROLE OF PROLACTIN IN MOUSE MAMMARY TUMORIGENESIS	44,710
AM18626-01	WILSON, CURTIS B	METABOLISM OF RENAL BASEMENT MEMBRANES AND TUBULAR CELLS	39,620
INSTITUTION TOTAL	3	334,285	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
CA18377-01	HARPER, ELVIN	INVASIVE TUMOR CELL COLLAGENASE	41,318
CA18525-01	JUDD, HOWARD L	ESTROGEN AND ANDROGEN STUDIES IN ENDOMETRIAL CANCER	51,939
CA19087-01	MENDELSOHN, JOHN	SUPPORT FOR CLINICAL CANCER EDUCATION	97,153
GM23128-01	NINNEMANN, JOHN L	IMMUNE CONSEQUENCES OF THERMAL INJURY	37,365
HL18560-01	SANDERS, TOMMY M	CARDIOVASCULAR ADAPTATION TO STRESS	55,826
CA18885-01	SATO, GORDON H	ATHYMIC MICE FACILITY: USE IN HUMAN CANCER RESEARCH	150,181
INSTITUTION TOTAL	6	433,782	
CITY TOTAL	11	882,797	
LOS ANGELES			
CALIFORNIA HOSPITAL MEDICAL CENTER			
CA17079-01	NOLAN, JAMES	EXPLORATORY STUDY, RADIATION ONCOLOGY PROGRAM	90,000
INSTITUTION TOTAL	1	90,000	
CEDARS-SINAI MEDICAL CENTER			
CA18892-01	GATTI, RICHARD A	MLR LOCUS TYPING OF CANCER PATIENTS	78,990
CA19392-01	SWAMINATHAN, NARAYANASAMI	CHEMISTRY OF PLACENTAL AND TUMOR CHORIOGONADOTROPINS	38,490
INSTITUTION TOTAL	2	117,480	
ESTELLE DOHENY EYE FOUNDATION			
EY01775-01	OGDEN, THOMAS E	NONLINEAR ANALYSIS OF RETINAL POTENTIALS	33,250
INSTITUTION TOTAL	1	33,250	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
CA18861-01	BLOCK, JEROME B	SUPPORT FOR CLINICAL CANCER EDUCATION	143,501

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
LOS ANGELES			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
HL18567-01	DE VELLIS, JEAN S	A ROUTINE DIAGNOSTIC TEST FOR MINIMAL HEART DAMAGE	37,413
CA19941-01	GRALLA, JAY	REGULATION OF TRANSCRIPTION BY DNA-PROTEIN COMPLEXES	43,412
CA19870-01	SARNA, GREGORY P	TREATED AKR LEUKEMIA: COMPARATIVE HOST-TUMOR KINETICS	29,307
RR01043-01	THOMAS, WARREN D	CONSERVATION OF PRIMATE SPECIES AND CANCER RESEARCH	38,316
EY01766-01	WARSHEL, ARIEH	THEORETICAL STUDIES OF THE VISION PROCESS	19,169
INSTITUTION TOTAL	6	311,118	
UNIVERSITY OF SOUTHERN CALIFORNIA			
HL18969-01	CRAWFORD, DONALD W	ARTERIAL WALL OXYGENATION	25,000
CA21036-01	HEIDELBERGER, CHARLES D	IN VITRO CHEMICAL CARCINOGENESIS	92,550
CA19615-01	HOCHSTEIN, PAUL E	METABOLIC BASIS OF TUMOR CELL DEFORMABILITY	44,836
CA19270-01	MELROSE, RAYMOND J	CLINICAL CANCER--DENTAL	30,192
HL18859-01	SCHIFFMAN, SANDRA	BIOCHEMISTRY OF HUMAN FACTOR XI	31,158
CA19444-01	WEBER, WILLIAM P	SYNTHESIS METABOLITES 7,12-DIMETHYLBENZ(A)ANTHRACENE	23,478
CA19076-01	WOLF, WALTER	NEW PLATINUM COMPOUNDS AS POTENTIAL ANTITUMOR AGENTS	39,310
INSTITUTION TOTAL	7	286,524	
CITY TOTAL	17	838,372	
MENLO PARK			
STANFORD RESEARCH INSTITUTE			
CA16543-01A1	BRODIE, IVOR	INVESTIGATION OF CHARGE TRANSFER ELECTRO-RADIOGRAPHY	42,040
CA19627-01	FODGE, DOUGLAS W	GLUCOCORTICOIDS IN NORMAL AND TRANSFORMED CELLS	32,962
CA19895-01	MOSHER, CAROL W	ETHIDIUM ANALOGS WITH DNA BASE-SEQUENCE SPECIFICITY	28,716
INSTITUTION TOTAL	3	103,718	
CITY TOTAL	3	103,718	
OAKLAND			
CHILDREN'S HOSPITAL MEDICAL CENTER OF NORTHERN CALIFORNIA			
CA19455-01	CERIANI, ROBERTO L	USE OF CELL MEMBRANES TO ASSESS PHENOTYPIC EXPRESSION	40,700
HL17357-01A1	LUBIN, BERTRAM H	MECHANISM OF INHIBITION OF SICKLING BY IMIDOESTERS	32,360
INSTITUTION TOTAL	2	73,060	
CITY TOTAL	2	73,060	
SACRAMENTO			
CALIFORNIA STATE HEALTH AND WELFARE AGENCY			
CA19846-01	DUNN, JOHN E, JR	INCIDENCE OF INVASIVE CERVICAL CANCER	29,956
INSTITUTION TOTAL	1	29,956	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	1	29,956	
CALIFORNIA			
SAN FRANCISCO			
CALIFORNIA STATE UNIVERSITY AND COLLEGES--SAN FRANCISCO STATE UNIVERSITY			
HL19065-01	PLACHY, WILLIAM Z	MOLECULAR OXYGEN IN BIOLOGICAL FLUIDS	22,239
INSTITUTION TOTAL	1	22,239	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
CA21042-01	BYERS, VERA S	HUMAN TRANSFER FACTOR, IN VITRO PRODUCTION, ASSAY	27,983
HD10682-01	DRUMMOND, WILLA H	MECHANISMS OF FETAL AND NEONATAL ASPHYXIC SYNDROMES	39,750
AM19171-01	ELIAS, HANS	GROWTH OF INTRAHEPATIC BILE DUCTS (CHOLANGIOGENESIS)	30,530
AM19248-01	GOLDSTONE, J	IN VIVO STUDIES OF THE GASTRIC MICROCIRCULATION	33,110
CA19992-01	HOSHINO, TAKAO	UNPERTURBED AND PERTURBED CELL KINETICS OF BRAIN TUMORS	35,682
NS12998-01	OWENS, ELMER	HEARING AIDS AND REHABILITATION FOR HEARING LOSS	72,479
CA20121-01	REBER, HOWARD A	PANCREATIC SECRETION IN PANCREATIC CANCER	35,253
CA19287-01	VARMUS, HAROLD E	MOLECULAR BIOLOGY OF MOUSE MAMMARY TUMOR VIRUS	46,149
AM19212-01	VESSEY, DONALD A	CHARACTERIZATION OF MICROSOMAL BILE ACID CONJUGATION	27,742
CA18435-01	VORE, MARY E	METABOLIC ACTIVATION OF CARCINOGENIC NITRO COMPOUNDS	16,976
CA19658-01	WHELLER, KENNETH T, JR	VISCOELASTIC ANALYSIS OF BRAIN AND TUMOR DNA	9,199
INSTITUTION TOTAL	11	374,853	
CITY TOTAL	12	397,092	
SANTA MONICA			
RAND CORPORATION			
CA19663-01	MORRISON, PAUL F	PREDICTIVE PHARMACOKINETIC MODEL OF ANTIFOLATE RESCUE	53,238
INSTITUTION TOTAL	1	53,238	
CITY TOTAL	1	53,238	
STANFORD			
STANFORD UNIVERSITY			
AM18648-01	CLAYTON, RAYMOND B	ERYTHROCYTE DEVELOPMENT AND SPHINGOLIPIDS	39,308
HL18907-01	DEBUSK, ROBERT F	OBJECTIVE EVALUATION EARLY AFTER MI & HEART SURGERY	126,000
HL17930-01A1	HARBURY, CHRISTINA B	PLATELET MEMBRANE FUNCTION: ASSESSMENT & APPLICATION	44,547
HL18870-01	HARRISON, DONALD C	AUTOMATIC RADIOGRAPHIC IMAGE ANALYSIS BY LV MODELLING	20,000
CA19653-01	KAPLAN, HENRY S	HOSPITAL-BASED MULTIPORT PION RADIOTHERAPY OF CANCER	292,196
AM17948-01A1	SCHURMAN, DAVID J	JOINT INFECTIONS AND ARTICULAR CARTILAGE DESTRUCTION	49,440
AM19366-01	STAMEY, THOMAS A	PYELOURETERAL PACEMAKER SYSTEM	56,669
INSTITUTION TOTAL	7	628,160	
CITY TOTAL	7	628,160	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CALIFORNIA			
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL			
GM22796-01	FU, PAUL C	BIOGENESIS AND EFFECTS OF ETHYLENE	23,640
INSTITUTION TOTAL	1	23,640	
CITY TOTAL	1	23,640	
STATE TOTAL	62	3,747,829	
COLORADO			
DENVER			
CHILDREN'S HOSPITAL			
CA19581-01	ZWARTJES, WILLIAM J	SCHOOL PROBLEMS OF CHILDREN WITH MALIGNANT NEOPLASMS	74,495
INSTITUTION TOTAL	1	74,495	
NATIONAL ASTHMA CENTER			
CA20177-01	VAZ, NELSON M	IMMUNOBIOLOGY OF IGE ANTIBODY PRODUCTION IN SJL/J MICE	36,060
INSTITUTION TOTAL	1	36,060	
NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER			
AI13131-01	CHILLER, JACQUES M	CELLULAR MECHANISMS OF IMMUNOREGULATION AND TOLERANCE	33,800
CA19057-01	HERCULES, KATHLEEN	MAPPING OF SV40 TRANSCRIPTION UNITS	31,300
INSTITUTION TOTAL	2	65,100	
UNIVERSITY OF COLORADO MEDICAL CENTER			
HL18145-01A1	BANCHERO, NATALIO	OXGYEN TRANSPORT MECHANISMS IN HYPOXIA	35,000
CA19137-01	KIRSCH, WOLFF M	CELL SYNCHRONIZATION IN SOLID TUMORS	26,094
NS13133-01	LASHER, ROBERT S	DIFFERENTIATION OF GABA NEURONS IN THE CNS	36,000
CA18754-01	MOORE, GEORGE E	IMMUNOTHERAPY OF CANCER PATIENTS WITH METHACRYLATES	46,129
AI12993-01	MOORHEAD, JOHN W	INTERACTION OF T-CELLS IN IMMUNITY AND TOLERANCE	26,052
CA19389-01	NEVILLE, MARGARET C	NUTRIENT UPTAKE IN NORMAL AND TUMOROUS MAMMARY GLAND	35,257
AI13171-01	WESTON, WILLIAM L	MONOCYTE-MACROPHAGE FUNCTION IN MYCOSIS FUNGOIDES	13,645
INSTITUTION TOTAL	7	218,177	
UNIVERSITY OF DENVER			
GM23248-01	WICKSTROM, ERIC	OLIGONUCLEOTIDE BINDING SPECIFICITY OF E. COLI IF3	23,125
INSTITUTION TOTAL	1	23,125	
CITY TOTAL	12	416,957	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
COLORADO			
FORT COLLINS			
COLORADO STATE UNIVERSITY			
CA19908-01	DE BRUIN, KENNETH E	STEREOSPECIFICITY IN ANTITUMOR ACTIVITY	22,613
CA18680-01	HEGEDUS, LOUIS S	ORGANOPALLADIUM ANTITUMOR AGENTS	24,662
EY01643-01	PAUTLER, EUGENE L	TRANSRETINAL POTENTIAL AND SUGAR TRANSPORT	27,446
INSTITUTION TOTAL	3	74,721	
CITY TOTAL	3	74,721	
SPIVAK			
AMERICAN MEDICAL CENTER AT DENVER			
CA18923-01	PARKS, RICHARD C	IMMUNOLOGICAL MECHANISMS OF ANTIGENIC TUMOR "ESCAPE"	19,600
INSTITUTION TOTAL	1	19,600	
CITY TOTAL	1	19,600	
STATE TOTAL	16	511,278	
CONNECTICUT			
DANBURY			
WESTERN CONNECTICUT STATE COLLEGE			
HL19005-01	ADLER, ALAN D	RARE EARTH PORPHYRIN MOLECULAR BIOLOGICAL PROBES	15,800
INSTITUTION TOTAL	1	15,800	
CITY TOTAL	1	15,800	
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
CA18405-01	CHAN, TEH-SHENG	SOMATIC CELL GENETIC ANALYSIS OF MEMBRANE BIOGENESIS	47,937
CA18099-01	DAMJANOV, IVAN	EMBRYO DERIVED TERATOCARCINOMA	38,974
CA18564-01	OLIVER, JANET M	CHEDIAK-HIGASHI AND CANCER CELLS WITH SIMILAR DEFECTS	40,260
CA21037-01	ROTHFIELD, LAWRENCE I	ASSEMBLY OF NORMAL AND ONCOGENIC ENVELOPED VIRUSES	41,756
ES01337-01	SUNDERMAN, F WILLIAM, JR	NICKEL CARCINOGENESIS	59,097
INSTITUTION TOTAL	5	228,024	
CITY TOTAL	5	228,024	
NEW HAVEN			
YALE UNIVERSITY			
CA18863-01	BURROW, GERARD N	MONITORING FAMILIAL MEDULLARY CARCINOMA OF THE THYROID	27,688

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
HL19237-01	GEE, J BERNARD	OBSTRUCTIVE LUNG DISEASE & ALVEOLAR MACROPHAGES	63,000
CA17938-01A1	HUTCHINSON, FRANKLIN	EFFECTS OF THE ANTITUMOR AGENT BLEOMYCIN ON DNA	34,882
AI12016-01A2	POWELL, JEFFREY R	GENETICS OF NATURAL POPULATIONS OF MOSQUITOES	28,613
INSTITUTION TOTAL 4		154,183	
CITY TOTAL 4		154,183	
STORRS			
UNIVERSITY OF CONNECTICUT			
DE04295-01	ALLEN, LINDSAY H	DIETARY PROTEIN, OSTEOPOROSIS AND PERIODONTAL DISEASE	30,428
CA19837-01	FREDRICKSON, TORGNY N	ETIOLOGY AND PATHOBIOLOGY OF GENITAL CANCERS	46,550
INSTITUTION TOTAL 2		76,978	
CITY TOTAL 2		76,978	
STATE TOTAL 12		474,985	
DELAWARE			
NEWARK			
UNIVERSITY OF DELAWARE			
GM23122-01	JAIN, MAHENDRA K	FACTORS GOVERNING THE ACTION OF PHOSPHOLIPASES	25,500
CA19535-01	MOLLOY, GEORGE R	STRUCTURE OF NUCLEAR RNA AND MESSENGER RNA FORMATION	53,144
INSTITUTION TOTAL 2		78,644	
CITY TOTAL 2		78,644	
WILMINGTON			
WILMINGTON MEDICAL CENTER			
CA18940-01	WHITNEY, LESLIE W	A TUMOR CONTROL CENTER PROGRAM	142,309
INSTITUTION TOTAL 1		142,309	
CITY TOTAL 1		142,309	
STATE TOTAL 3		220,953	
DIST OF COL			
WASHINGTON			
AMERICAN NATIONAL RED CROSS			
HL19282-01	KOSOW, DAVID P	REGULATION OF THE ACTIVATION OF HUMAN FACTOR X	26,000
INSTITUTION TOTAL 1		26,000	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
DIST OF COL			
WASHINGTON			
AMERICAN PUBLIC HEALTH ASSOCIATION			
HD09891-01	LIEBERMAN, E JAMES	ADOLESCENT FERTILITY: PSYCHOSOCIAL FACTORS	72,255
INSTITUTION TOTAL	1	72,255	
GEORGE WASHINGTON UNIVERSITY			
HL19250-01	MUESING, RICHARD A	THE MECHANISM OF PLASMA CHOLESTEROL ESTERIFICATION	24,900
CA19383-01	REBA, RICHARD C	INCREASED SENSITIVITY OF RADIOPHARMACEUTICALS	23,628
INSTITUTION TOTAL	2	48,528	
GEORGETOWN UNIVERSITY			
CA18865-01	MOSSMAN, KENNETH L	EFFECTS OF NEUTRONS ON TASTE AND SALIVA	34,394
CA19028-01	POTTER, JOHN F	SUPPORT FOR CLINICAL CANCER EDUCATION	116,505
NS12566-01A1	STANDAERT, FRANK G	PROGRAM PROJECT IN NEUROPHARMACOLOGY	284,516
INSTITUTION TOTAL	3	435,415	
GORGAS MEMORIAL INSTITUTE OF TROPICAL AND PREVENTIVE MEDICINE			
AI13478-01	JUSTINES, GUSTAVO	LATENT INFECTION OF EPIZOOTIC VEE VIRUS IN EQUINES	49,684
INSTITUTION TOTAL	1	49,684	
LEONARD WOOD MEMORIAL			
CA18265-01	MORRISON, NORMAN E	THYMOSIN IMMUNOTHERAPY OF CHEMICALLY INDUCED TUMORS	19,706
INSTITUTION TOTAL	1	19,706	
CITY TOTAL	9	651,588	
STATE TOTAL	9	651,588	
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA			
HL19175-01	MERIMEE, THOMAS J	PITUITARY MODULATION OF MICRO- & MACRO-VASCULAR DISEASE	56,383
CA19043-01	PRESTON, JAMES F	AMANITIN--PROTEIN CONJUGATES AS POTENTIAL INHIBITORS	23,100
INSTITUTION TOTAL	2	79,483	
CITY TOTAL	2	79,483	
MIAMI			
UNIVERSITY OF MIAMI			
CA19855-01	RUBIN, ROBERT W	THE ROLE OF MICROTUBULES IN MALIGNANT TRANSFORMATION	40,310

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
FLORIDA			
MIAMI			
UNIVERSITY OF MIAMI			
NS12779-01	VIAMONTE, MANUEL, JR	EVALUATION OF VASOSPASM IN CORD INJURY BY X-RAY MEDIA	33,781
CA19321-01	ZUBROD, GORDON C	CYTOKINETICS AND CHEMOTHERAPY OF HUMAN SOLID TUMORS	220,693
INSTITUTION TOTAL	3	295,284	
CITY TOTAL	3	295,284	
TALLAHASSEE			
STATE UNIVERSITY OF FLORIDA SYSTEM--FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY			
CA18817-01	SHETTY, A SUBBAYYA	ENZYMATIC DETOXIFICATION OF HYDROXYANTHRANILIC ACID	29,904
INSTITUTION TOTAL	1	29,904	
CITY TOTAL	1	29,904	
TAMPA			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF SOUTH FLORIDA			
ES01454-01	HESSINGER, DAVID A	PHYSALIA VENOM: PURIFICATION, MECHANISM, TREATMENT	52,746
INSTITUTION TOTAL	1	52,746	
CITY TOTAL	1	52,746	
STATE TOTAL	7	457,417	
GEORGIA			
ATLANTA			
ATLANTA UNIVERSITY			
CA18952-01	LUMB, JUDITH R	ALKALINE PHOSPHATASE IN MOUSE LEUKEMIA	54,040
INSTITUTION TOTAL	1	54,040	
EMORY UNIVERSITY			
EY01920-01	CAVANAGH, H DWIGHT	BIOCHEMICAL CONTROL OF GROWTH IN CORNEAL EPITHELIUM	63,750
CA19253-01	WALDRON, CHARLES A	SUPPORT FOR CLINICAL CANCER EDUCATION--DENTAL	32,387
INSTITUTION TOTAL	2	96,137	
MOREHOUSE COLLEGE			
GM22658-01	HALL, JOHN H, JR	THEORETICAL STUDIES OF BIOLOGICALLY RELATED MOLECULES	15,310
INSTITUTION TOTAL	1	15,310	
CITY TOTAL	4	165,487	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
GEORGIA			
AUGUSTA			
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA			
HL19456-01	SMITH, LINDA L	IMMUNOGLOBULINS ASSOCIATED WITH SERUM HYPERVISCOSITY	27,978
INSTITUTION TOTAL	1	27,978	
CITY TOTAL	1	27,978	
STATE TOTAL	5	193,465	
HAWAII			
HONOLULU			
EAST-WEST CENTER			
HD09927-01	RETHERFORD, ROBERT D	THE INFLUENCE OF CHILD MORTALITY ON FERTILITY	18,068
INSTITUTION TOTAL	1	18,068	
CITY TOTAL	1	18,068	
STATE TOTAL	1	18,068	
ILLINOIS			
CHICAGO			
CHILDREN'S MEMORIAL HOSPITAL			
CA19344-01	SCHULMAN, JEROME L	COPING IN FAMILIES WITH A LEUKEMIC CHILD	69,512
INSTITUTION TOTAL	1	69,512	
ILLINOIS CANCER COUNCIL			
CA20071-01	TAYLOR, SAMUEL G, III	DEVELOPMENT OF COORDINATED CANCER PROGRAM	180,077
INSTITUTION TOTAL	1	180,077	
MICHAEL REESE HOSPITAL AND MEDICAL CENTER			
HL19112-01	PICK, RUTH	ATHEROSCLEROSIS STUDIES	80,210
INSTITUTION TOTAL	1	80,210	
NORTHWESTERN UNIVERSITY			
CA19822-01	MARTIN, ALICE J	GENETIC INVESTIGATION OF NEOPLASIA IN A HUMAN ISOLATE	10,000
CA19000-01	SCHREK, ROBERT	COLCHICINE-SENSITIVITY TEST FOR LEUKEMIC LYMPHOCYTES	18,500
INSTITUTION TOTAL	2	28,500	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
ILLINOIS			
CHICAGO			
UNIVERSITY OF CHICAGO			
NS13526-01	ARNASON, BARRY G	MYASTHENIA GRAVIS: ROLE OF ACETYLCHOLINE RECEPTORS	101,337
CA21043-01	ARNASON, BARRY G	SIALOADENECTOMY, EPIDERMAL GROWTH FACTOR & TUMOR GROWTH	52,347
GM22220-01A1	GOLDBERG, LEON I	CLINICAL PHARMACOLOGY CENTER	290,556
CA19448-01	HARVEY, RONALD G	SYNTHESIS OF METABOLITES OF CARCINOGENIC HYDROCARBONS	25,500
EY01623-01A1	SOLIN, STUART A	RAMAN SPECTROSCOPIC STUDIES OF THE LENS OF THE EYE	23,765
CA19266-01	ULTMANN, JOHN E	SUPPORT FOR CLINICAL CANCER RESEARCH	353,444
INSTITUTION TOTAL	6	846,949	
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER			
CA20914-01	EPSTEIN, SAMUEL S	CHEMICAL CARCINOGENS IN THE PANCREAS	42,560
AM19414-01	TEODORESCU, MARIUS	DIFFERENTIAL COUNTING OF LYMPHOCYTE SUBPOPULATIONS	37,309
CA20172-01	VAN ALTEN, PIERSON J	ONTOGENY OF ADAPTIVE IMMUNITY	38,298
INSTITUTION TOTAL	3	118,158	
CITY TOTAL	14	1,323,406	
EDWARDSVILLE			
SOUTHERN ILLINOIS UNIVERSITY AT EDWARDSVILLE			
GM23203-01	BAIN, RALPH L	EQUILIBRIUM STUDIES WITH PLATINUM AMINE COMPLEXES	10,924
INSTITUTION TOTAL	1	10,924	
CITY TOTAL	1	10,924	
MAYWOOD			
LOYOLA UNIVERSITY MEDICAL CENTER			
CA19402-01	FARRAND, STEPHEN K	MOLECULAR GENETICS OF AGROBACTERIUM PLASMIDS	27,660
INSTITUTION TOTAL	1	27,660	
CITY TOTAL	1	27,660	
URBANA			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
AI12879-01	DICKINSON, DAVID B	REPRODUCTIVE PHYSIOLOGY OF RAGWEEDS	33,540
CA19143-01	KATZENELLENBOGEN, JOHN A	RATIONAL DESIGN OF BREAST TUMOR LOCALIZING AGENTS	37,238
INSTITUTION TOTAL	2	70,778	
CITY TOTAL	2	70,778	
STATE TOTAL	18	1,432,768	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INDIANA			
INDIANAPOLIS			
INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT INDIANAPOLIS			
AM19299-01	GIBSON, DAVID M	INSULIN INDUCTION OF LIPOGENIC ENZYMES IN HEPATOCYTES	45,860
HD10670-01	RHOADES, RODNEY A	NUTRITION & HORMONAL INTERACTION IN LUNG DEVELOPMENT	42,899
CA19708-01	ROMAN, ANN	INTRACELLULAR CONTROL OF DNA TUMOR VIRUS REPLICATION	44,000
CA19292-01	SCHLOEMER, ROBERT H	GLYCOPROTEINS OF RHABDO AND ONCOGENIC VIRUSES	49,302
CA19194-01	SHAFER, WILLIAM G	CLINICAL CANCER--DENTAL	37,015
INSTITUTION TOTAL	5	219,076	
CITY TOTAL	5	219,076	
WEST LAFAYETTE			
PURDUE UNIVERSITY			
CA19204-01	CUSHMAN, MARK S	NEW BENZOPHENANTHRIDINE AND PROTOBERBERINE SYNTHESES	30,111
CA19231-01	VANETTEN, ROBERT L	AN IMPROVED CLINICAL TEST FOR PROSTATIC ACID PHOSPHATASE	11,758
INSTITUTION TOTAL	2	41,869	
CITY TOTAL	2	41,869	
STATE TOTAL	7	260,945	
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
GM23336-01	KAELBER, W W	EXPERIMENTAL INVESTIGATIONS OF PAIN	17,561
HL19105-01	KISKER, C THOMAS	DETECTION AND ADHERENCE OF FIBRIN MONOMER COMPLEXES	28,247
CA18327-01A1	OSBORNE, JAMES W	ENZYMOLOGY OF RADIATION-INDUCED INTESTINAL CARCINOMA	45,125
HD09373-01	PITKIN, ROY M	CALCIUM METABOLISM IN PREGNANCY AND PERINATAL PERIOD	62,133
HL19873-01	RICHERSON, HAL B	PULMONARY RESPONSES TO INHALED ANTIGEN	65,510
INSTITUTION TOTAL	5	218,576	
CITY TOTAL	5	218,576	
STATE TOTAL	5	218,576	
KANSAS			
KANSAS CITY			
UNIVERSITY OF KANSAS			
HD10137-01	MATTIOLI, LEONE F	FETAL RENIN SYSTEM IN HYPOXIC AND HYPOVOLEMIC STRESS	20,588
CA19333-01	WOOD, GARY W	ROLE OF MACROPHAGES IN TUMOR GROWTH AND METASTASIS	23,680
INSTITUTION TOTAL	2	44,268	
CITY TOTAL	2	44,268	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
KANSAS			
LAWRENCE			
U.S. DEPARTMENT OF THE INTERIOR--HASKELL INDIAN JUNIOR COLLEGE			
RR08137-01	AHSHAPANEK, DON C	SUPPORT FOR MINORITY BIOMEDICAL SCIENCES	95,557
INSTITUTION TOTAL	1	95,557	
UNIVERSITY OF KANSAS			
EY01702-01	HERSH, ROBERT T	PROPERTIES OF CRYSTALLIN OF THE LENS	25,411
RR00996-01	MAROTZ, GLEN A	IMPROVEMENT OF ANIMAL CARE SERVICES AND FACILITIES	167,023
CA19978-01	MC CHESNEY, JAMES D	CYTOKININ GLYCOSIDES--POTENTIAL ANTITUMOR AGENTS	26,580
INSTITUTION TOTAL	3	219,014	
CITY TOTAL	4	314,571	
STATE TOTAL	6	358,839	
KENTUCKY			
LEXINGTON			
EPHRAIM MC DOWELL COMMUNITY CANCER NETWORK			
CA19470-01	GOLDENBERG, DAVID M	EXPLORATORY STUDY IN CANCER INREACH NETWORK	88,990
INSTITUTION TOTAL	1	88,990	
UNIVERSITY OF KENTUCKY			
HD10307-01	BONNER, PHILIP H	INNERVATION AND MUSCLE CELL TYPES IN EARLY MYOGENESIS	28,242
CA19492-01	COLEMAN, MARY S	TERMINAL TRANSFERASE IN MAMMALIAN HEMOPOIETIC CELLS	33,865
HL18923-01	GALLA, JOHN H	STEROID-INDUCED HYPERLIPIDEMIA AND HYPERTENSION	49,992
CA19107-01	GOCKERMAN, JON P	PLATELET TRANSFUSIONS IN ALLOIMMUNIZED PATIENTS	29,748
AI13574-01	LESNAW, JUDITH A	REPLICATION OF NEGATIVE STRAND RNA VIRUSES	23,283
INSTITUTION TOTAL	5	165,130	
CITY TOTAL	6	254,120	
STATE TOTAL	6	254,120	
LOUISIANA			
BATON ROUGE			
LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY AT BATON ROUGE			
CA19800-01	FISCHER, NIKOLAUS H	SESQUITERPENE LACTONES FROM MELAMPODIINAE (COMPOSITAE)	29,411
INSTITUTION TOTAL	1	29,411	
CITY TOTAL	1	29,411	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
LOUISIANA			
NEW ORLEANS			
AITON OCHSNER MEDICAL FOUNDATION			
HL20542-01	WALSH, GERALD M	REGIONAL HEMODYNAMICS IN SPONTANEOUS HYPERTENSION	28,105
INSTITUTION TOTAL	1	28,105	
LOUISIANA STATE UNIVERSITY SYSTEM--LOUISIANA STATE UNIVERSITY MEDICAL CENTER AT NEW ORLEANS			
AM18886-01A1	HENEGHAN, JAMES B	GASTROINTESTINAL PHYSIOLOGY IN GNOTOBIOTES	39,024
NS12510-01A1	WEBSTER, DOUGLAS B	CENTRAL PROJECTIONS OF RESIDUAL SPIRAL GANGLION CELLS	27,680
INSTITUTION TOTAL	2	66,704	
LOUISIANA STATE UNIVERSITY SYSTEM--UNIVERSITY OF NEW ORLEANS			
HL18823-01	ELDER, S THOMAS	PHYSIOLOGICAL CORRELATES OF CONDITIONED BLOOD PRESSURE	31,151
INSTITUTION TOTAL	1	31,151	
CITY TOTAL	4	125,960	
STATE TOTAL	5	155,371	
MAINE			
AUGUSTA			
MAINE DEPARTMENT OF MARINE RESOURCES			
HL19163-01	SHERBURNE, STUART W	PISCINE ERYTHROCYTIC NECROSIS	29,890
INSTITUTION TOTAL	1	29,890	
CITY TOTAL	1	29,890	
BAR HARBOR			
JACKSON LABORATORY			
AI13130-01	BAILEY, DONALD W	NON-H-2 HISTOCOMPATIBILITY ANTIGENS	151,368
INSTITUTION TOTAL	1	151,368	
CITY TOTAL	1	151,368	
ORONO			
UNIVERSITY OF MAINE SYSTEM--UNIVERSITY OF MAINE AT ORONO			
HL19164-01	NICHOLSON, BRUCE L	PISCINE ERYTHROCYTIC NECROSIS	8,955
INSTITUTION TOTAL	1	8,955	
CITY TOTAL	1	8,955	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MAINE			
PORTLAND			
UNIVERSITY OF MAINE SYSTEM--UNIVERSITY OF MAINE PORTLAND-GORHAM CAMPUS			
HL19486-01	HODGKIN, BRIAN C	DIPOLE MOMENT MEASUREMENT OF CARDIAC MASS	50,510
INSTITUTION TOTAL	1	50,510	
CITY TOTAL	1	50,510	
STATE TOTAL	4	240,723	
MARYLAND			
BALTIMORE			
JOHNS HOPKINS HOSPITAL			
EY01765-01	MAUMENEE, A EDWARD	EYE RESEARCH CORE SERVICES SUPPORT	139,801
INSTITUTION TOTAL	1	139,801	
JOHNS HOPKINS UNIVERSITY			
HL20302-01	ADKINSON, N FRANKLIN, JR	ASPIRIN INTOLERANCE IN REVERSIBLE LUNG DISEASE	29,000
CA19471-01	AUGUST, J THOMAS	GENETIC EXPRESSION OF CELLULAR ONCORNAVIRUSES	98,560
AM19300-01	COFFEY, DONALD S	PROGRAMMATICAL STUDIES ON BENIGN PROSTATIC HYPERPLASIA	275,000
EY01780-01	FINKELSTEIN, DANIEL	BRANCH VEIN OCCLUSION: NATURAL HISTORY AND TREATMENT	35,000
HL19232-01	FORTUIN, NICHOLAS J	ECHO CHANGES IN WALL MOTION WITH MYOCARDIAL ISCHEMIA	66,886
EY01684-01	GREEN, WILLIAM R	OCULAR CLINICO-PATHOLOGIC CORRELATION	61,980
AM18732-01	HOOPES, JOHN E	METABOLIC STUDY OF SKIN FLAPS	39,000
CA18121-01	KESSLER, IRVING I	A PROSPECTIVE STUDY OF LYMPHOID TISSUES IN NEOPLASIA	34,311
GM23716-01	LIETMAN, PAUL S	ADVERSE EFFECTS OF ANTIBIOTIC-HOST CELL INTERACTIONS	54,000
EY01773-01	MAUMENEE, IRENE H	GENETICS IN OPHTHALMOLOGY	46,300
CA19061-01	PITHA, PAULA M	ANTITUMOR EFFECT OF INTERFERON	34,950
EY01554-01	POLLACK, IRVIN P	EXPERIMENTAL AND CLINICAL STUDIES OF LASERS IN GLAUCOMA	86,180
CA18827-01	ROTH, STEPHEN A	SURFACE ENZYMES ON MALIGNANT AND NONMALIGNANT CELLS	12,913
AI13396-01	TRPIS, MILAN	GENETICS OF THE AEDES SCUTELLARIS COMPLEX	30,000
CA18387-01A1	WHITE, EMIL H	CANCER AND ANTICANCER ACTIVITY OF NITROSO COMPOUNDS	16,350
INSTITUTION TOTAL	15	920,430	
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND AT BALTIMORE			
HL18715-01	APOSTOLIDES, ARISTIDE Y	HYPERTENSION INCIDENCE PROJECT	203,501
CA18691-01	LAMBOOY, JOHN P	COVALENT BONDING OF FLAVINS IN NEOPLASTIC TISSUE	14,490
HL18744-01	WISWELL, JOHN G	PREPARATION OF RADIOPHARMACEUTICALS FROM DRUG ANALOGS	54,690
INSTITUTION TOTAL	3	272,681	
CITY TOTAL	19	1,332,912	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MARYLAND			
COLLEGE PARK			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS			
NS13018-01	BRAUTH, STEVEN E	COMPARATIVE NEUROBIOLOGY OF THE BASAL GANGLIA	31,411
INSTITUTION TOTAL	1	31,411	
CITY TOTAL	1	31,411	
STATE TOTAL	20	1,364,323	
MASSACHUSETTS			
BOSTON			
AFFILIATED HOSPITALS CENTER--PETER BENT BRIGHAM HOSPITAL			
HL19246-01	GROSSMAN, WILLIAM	REGRESSION OF CARDIAC HYPERTROPHY: MYOCARDIAL AND RENAL	35,150
HL18882-01	WILLIAMS, GORDON H	HORMONES IN HYPERTENSION	70,829
INSTITUTION TOTAL	2	105,979	
BETH ISRAEL HOSPITAL			
CA19085-01	SCHNIPPER, LOWELL E	CLINICAL CANCER	49,170
INSTITUTION TOTAL	1	49,170	
BOSTON BIOMEDICAL RESEARCH INSTITUTE			
EY01810-01	FUJIMORI, EIJI	BLUE-FLUORESCENT LENS PROTEINS	45,000
INSTITUTION TOTAL	1	45,000	
BOSTON HEALTH AND HOSPITALS DEPARTMENT--BOSTON CITY HOSPITAL			
CA18620-01	GOTTLIEB, LEONARD S	STUDIES OF A NEW COLONIC CANCER MARKER (ZGM)	44,764
INSTITUTION TOTAL	1	44,764	
BOSTON UNIVERSITY			
HD09508-01	CERMAK, LAIRD S	DEVELOPMENTAL DEFICITS IN INFORMATION PROCESSING	20,420
HL18586-01	DEYKIN, DANIEL	ROLE OF PLATELET LIPIDS IN HEMOSTASIS AND THROMBOSIS	20,390
CA19562-01	ECKNER, ROBERT J	BIOLOGICAL AND PHYSICAL PROPERTIES OF FRIEND VIRUS	42,755
AI13185-01	FEINGOLD, DAVID S	CHEMICAL DETECTION OF NEISSERIA GONORRHOEAE	33,030
AM18880-01	KAGAN, HERBERT M	PROPERTIES OF CONNECTIVE TISSUE LYSYL OXIDASE	43,322
CA18913-01	NILES, RICHARD M	BIOCHEMICAL FACTORS INVOLVED IN TUMOR CELL METASTASIS	33,524
AM19416-01	TEPLICK, STEVEN K	INTRAVENOUS CHOLANGIOGRAPHY IN BILE DUCT OBSTRUCTION	22,100
CA20040-01	YOUNG, DELANO V	TRANSFORMED CELL GROWTH: SERUM PEPTIDE, LIPID FACTORS	28,904
INSTITUTION TOTAL	8	244,445	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
CENTER FOR BLOOD RESEARCH			
HL18935-01	CHAO, FRANCIS C	PLATELETS, FIBRINOGEN, SOLUBLE FIBRIN INTERACTION	40,927
INSTITUTION TOTAL	1	40,927	
CHILDREN'S HOSPITAL MEDICAL CENTER			
CA20171-01	LEVEY, RAPHAEL H	INTRATHYMIC EVENTS IN T-CELL DIFFERENTIATION	40,000
INSTITUTION TOTAL	1	40,000	
EYE RESEARCH INSTITUTE OF RETINA FOUNDATION			
EY01784-01	SCHEPENS, CHARLES L	EYE RESEARCH CORE SERVICES SUPPORT	185,780
INSTITUTION TOTAL	1	185,780	
HARVARD UNIVERSITY			
CA19015-01	AMOS, HAROLD	SUGARS, GLYCOPROTEINS: NORMAL AND MALIGNANT CELLS	50,313
CA18870-01	ATWOOD, DOUGLAS A	MAXILLOFACIAL PROSTHETIC REHABILITATION FOR CANCER	88,060
AI13591-01	BUCKLEY, HELEN R	CANDIDA ALBICANS ANTIGENS AND ANTIBODIES	30,970
DE04380-01	KRAWCZYK, WALTER S	CONTRACTILE PROTEINS IN NORMAL PALATE MORPHOGENESIS	43,507
AI13552-01	MURRAY, EDWARD S	CAPE COD TICK, ANIMAL, HUMAN SPOTTED FEVER STUDY	39,700
CA20841-01	WASSARMAN, PAUL M	TUMOR VIRUS CHROMATIN: STRUCTURE AND REPLICATION	30,006
INSTITUTION TOTAL	6	282,556	
JOSLIN DIABETES FOUNDATION			
AM18352-01A1	SOELDNER, JOHN S	THE DEVELOPMENT OF AN IMPLANTABLE GLUCOSE SENSOR	257,598
INSTITUTION TOTAL	1	257,598	
LAHEY CLINIC FOUNDATION			
CA18938-01	WATKINS, ELTON, JR	MODIFICATION OF SIALYL INHIBITION OF IMMUNE RESPONSE	47,020
INSTITUTION TOTAL	1	47,020	
MASSACHUSETTS EYE AND EAR INFIRMARY			
NS13126-01	KIANG, NELSON Y	BASIC AND CLINICAL STUDIES OF THE AUDITORY SYSTEM	414,796
INSTITUTION TOTAL	1	414,796	
MASSACHUSETTS GENERAL HOSPITAL			
AM19811-01	ATHANASOULIS, CHRISTOS A	BOWEL PROTECTION WITH VASOPRESSIN DURING RADIOTHERAPY	55,260
CA19158-01	BISWAS, CHITRA	MAMMALIAN COLLAGENASE IN TUMOR INVASION	42,618

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
MASSACHUSETTS GENERAL HOSPITAL			
CA20042-01	DALY, JAMES J	TUMOR ANTIGENS IN EXPERIMENTAL BLADDER CANCER	40,657
HL19259-01	HABER, EDGAR	DIGOXIN SPECIFIC ANTIBODY IN HUMAN THERAPY	347,022
HL18738-01	HARRIS, WILLIAM H	PREVENTION OF POSTOPERATIVE VENOUS THROMBI	44,243
CA19763-01	JEANLOZ, ROGER W	GLYCOPROTEINS OF CELL SURFACE OF HUMAN BREAST CANCER	21,263
CA19622-01	KALISHER, LESTER	LOW-DOSE SCREENING TECHNIQUES FOR MAMMOGRAPHY	59,197
NS13102-01	LEVINE, DAVID N	DISTURBANCES OF VISUAL PERCEPTION IN CEREBRAL DISEASE	33,839
AM19111-01	LIPPIELLO, LOUIS	EFFECT OF PROSTAGLANDINS ON ARTICULAR CARTILAGE	36,610
HL19429-01	STOSSEL, THOMAS P	PHAGOCYTOSIS: INGESTION IN ALVEOLAR MACROPHAGES	111,000
CA19415-01	SUIT, HERMAN D	CLINICAL TRIAL OF RADIATION THERAPY AND CORYNEBACTERIUM	189,293
INSTITUTION TOTAL 11		981,002	
NEW ENGLAND MEDICAL CENTER HOSPITALS			
EY01793-01	BAUM, JULES L	BIOCHEMISTRY OF NORMAL AND DYSTROPHIC CORNEAS IN CULTURE	97,847
CA19575-01	DATTA, SYAMAL K	MURINE LEUKEMIA VIRUSES	36,720
CA19122-01	DESFORGES, JANE	COMPUTER ASSISTED EVALUATION OF PATIENTS WITH CANCER	87,897
INSTITUTION TOTAL 3		222,464	
NORTHEASTERN UNIVERSITY			
CA19898-01	DAVIS, MICHAEL A	SYNTHESIS OF NOVEL 75SE PANCREATIC IMAGING AGENTS	47,850
INSTITUTION TOTAL 1		47,850	
SIDNEY FARBER CANCER INSTITUTE			
CA19235-01	BENZ, WENDY C	EBV DNA SYNTHESIS IN TRANSFORMED LYMPHOCYTES	26,875
CA17718-01A1	CHAYKOVSKY, MICHAEL	NEW FOLATE ANTAGONISTS IN CANCER CHEMOTHERAPY	35,745
CA19341-01	HASELTINE, WILLIAM A	REPLICATION OF RNA TUMOR VIRUSES	61,050
CA19711-01	JAFFE, NORMAN	EFFECTS OF PRECONCEPTION AND IN UTERO IMMUNOSUPPRESSION	39,300
CA19126-01	LAZARUS, HERBERT	CYSTINE AUXOTROPHY IN HUMAN MALIGNANCY--IMPLICATIONS	59,755
CA19118-01	MODEST, EDWARD J	BIOCHEMICAL PHARMACOLOGY OF A NEW ADRIAMYCIN ANALOG	73,975
CA18917-01	UREN, JACK R	ENZYMATIC CYST(E)INE DEPLETION THERAPY OF CANCER	43,325
CA19791-01	WILLIAMS, R MICHAEL	GENETIC CONTROL OF TUMOR RESISTANCE AND IMMUNITY	35,000
INSTITUTION TOTAL 8		375,025	
TUFTS UNIVERSITY			
CA19987-01	COOPER, AMIEL G	ROLE OF SURFACE AND SHED GLYCOPROTEIN IN METASTASIS	34,176
INSTITUTION TOTAL 1		34,176	
TUFTS-NEW ENGLAND MEDICAL CENTER			
CA18742-01	NEURATH, PETER W	T & B CELL IMAGE QUANTITATION AND RADIATION THERAPY	69,555
INSTITUTION TOTAL 1		69,555	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
UNIVERSITY HOSPITAL			
HL20303-01	LANGE, YVONNE	CHOLESTEROL DISTRIBUTION IN ERYTHROCYTE MEMBRANES	31,395
CA18837-01	STRAUS, MARC J	CELLULAR KINETICS OF CLINICAL CANCER CHEMOTHERAPY	200,424
INSTITUTION TOTAL	2	231,819	
CITY TOTAL	52	3,719,926	
CAMBRIDGE			
HARVARD UNIVERSITY			
EY01808-01	KRONAUER, RICHARD E	CONE INPUTS TO HUMAN SPATIAL DETECTORS	52,367
INSTITUTION TOTAL	1	52,367	
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
CA18888-01	BERCHTOLD, GLENN A	ANTICANCER AGENTS: SYNTHESIS AND ACTIVITY STUDIES	43,325
CA19665-01	BROWNELL, GORDON L	CLINICAL TRIAL OF BORON NEUTRON CAPTURE THERAPY	62,860
CA19308-01	HOPKINS, NANCY H	STUDIES ON THE ENDOGENOUS VIRUSES OF BALB/C MICE	23,407
INSTITUTION TOTAL	3	129,592	
CITY TOTAL	4	181,959	
CHESTNUT HILL			
BOSTON COLLEGE			
CA19430-01	RULE, ALLYN H	IMMUNE MECHANISMS IN REMISSION OF THE DUNNING LEUKEMIA	38,938
HD10095-01	SPAGNOLI, PAUL G	FERTILITY IN THE NINETEENTH-CENTURY LILLE REGION	35,401
INSTITUTION TOTAL	2	74,339	
CITY TOTAL	2	74,339	
MEDFORD			
TUFTS UNIVERSITY			
CA19419-01	FELDBERG, ROSS S	THE NATURE AND REPAIR OF A NEW FORM OF DNA DAMAGE	38,030
INSTITUTION TOTAL	1	38,030	
CITY TOTAL	1	38,030	
SHREWSBURY			
WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY			
HD10269-01	BRODIE, HARRY J	ANTIFERTILITY COMPOUNDS--SYNTHESIS AND TESTING	33,720

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MASSACHUSETTS			
SHREWSBURY			
WORCESTER FOUNDATION FOR EXPERIMENTAL BIOLOGY			
HD09731-01A1	MC CRACKEN, JOHN A	BRAIN PROSTAGLANDINS AND GONADOTROPIN SECRETION	69,023
INSTITUTION TOTAL	2	102,743	
CITY TOTAL	2	102,743	
WALTHAM			
BRANDEIS UNIVERSITY			
GM23717-01	HOPPER, JAMES E	MOLECULAR BASIS OF INTERCHROMOSOMAL GENE REGULATION	62,318
INSTITUTION TOTAL	1	62,318	
CITY TOTAL	1	62,318	
WILLIAMSTOWN			
WILLIAMS COLLEGE			
NS13147-01	CRISWELL, HUGH E	MORPHINE MICROINJECTION, ANALGESIA AND NEURAL FIRING	22,495
INSTITUTION TOTAL	1	22,495	
CITY TOTAL	1	22,495	
WORCESTER			
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL			
GM23209-01	HOPPER, ANITA K	YEAST MUTANTS IN TRNA TRANSCRIPTION AND MATURATION	31,215
INSTITUTION TOTAL	1	31,215	
CITY TOTAL	1	31,215	
STATE TOTAL	64	4,233,025	
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN			
CA19816-01	BROCKMAN, WILLIAM W	ROLE OF SV40 GENE A IN CELLULAR TRANSFORMATION	57,871
HD10003-01	GOLDBERG, DAVID M	POPULATION STUDIES CENTER	94,022
CA19762-01	HEYN, RUTH M	CLINICAL CANCER	99,423
INSTITUTION TOTAL	3	251,316	
CITY TOTAL	3	251,316	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MICHIGAN			
DETROIT			
WAYNE STATE UNIVERSITY			
AI12913-01	BOROS, DOV L	LYMPHOCYTE INTERACTION IN SCHISTOSOMIASIS MANSONI	43,388
GM22837-01	GROSSMAN, LAWRENCE I	GENES ON MITOCHONDRIAL DNA	95,991
HL18928-01	MIZUKAMI, HIROSHI	OXYGEN TRANSPORT OF PRE AND POST SICKLING CELLS	34,279
HL20369-01	SARDESAI, VISHWANATH M	THE EFFECT OF ALCOHOL ON THE HEART	14,475
HL18435-01	SEEGERS, WALTER H	PROPERTIES OF THROMBIN AND AC-GLOBULIN	16,145
EY01707-01	ZWAS, FRED	PSYCHOPHYSICAL STUDIES OF RETINITIS PIGMENTOSA	14,915
INSTITUTION TOTAL	6	219,193	
CITY TOTAL	6	219,193	
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
CA19364-01	HUNT, ANDREW D, JR	EXPLORATORY STUDIES IN CANCER RESEARCH	48,468
INSTITUTION TOTAL	1	48,468	
CITY TOTAL	1	48,468	
ROCHESTER			
OAKLAND UNIVERSITY			
EY01698-01	DOHERTY, PAUL M	DIFFUSION OF PROTEINS IN INTACT CATARACTOUS LENSES	34,315
EY01680-01	UNAKAR, NALIN J	MORPHOLOGICAL STUDIES IN EXPERIMENTAL CATARACTS	31,742
INSTITUTION TOTAL	2	66,057	
CITY TOTAL	2	66,057	
STATE TOTAL	12	585,034	
MINNESOTA			
AUSTIN			
UNIVERSITY OF MINNESOTA			
CA19519-01	CHIPAULT, JACQUES R	DIET, FECAL STEROIDS AND COLON CANCER	38,187
INSTITUTION TOTAL	1	38,187	
CITY TOTAL	1	38,187	
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA			
AM18883-01A1	BALFOUR, HENRY H, JR	THE ROLE OF VIRUSES IN RENAL TRANSPLANT PATIENTS	57,560

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NIH
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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MINNESOTA			
MINNEAPOLIS			
UNIVERSITY OF MINNESOTA			
GM23032-01	HOLTZMAN, JORDAN L	FREE RADICALS IN THE TOXICITY OF NITRO AND AZO DRUGS	45,108
HL18762-01	HUMPHREY, EDWARD W	POST-TRAUMATIC PULMONARY INSUFFICIENCY	60,209
CA19527-01	KENNEDY, BYRL J	CLINICAL CANCER--PARTS I AND II	138,048
CA18083-01A1	KERSEY, JOHN H	EPIDEMIOLOGY OF CANCER IN IMMUNODEFICIENCY FAMILIES	65,770
AM19209-01	LIFSON, NATHAN	HETEROGENEITY OF INTESTINAL MICROCIRCULATION	37,115
CA19490-01	MARTINSON, IDA M	HOME CARE FOR CHILD WITH CANCER	70,471
CA17136-01A1	QUICK, CEDRIC A	ETIOLOGY AND IMMUNOBIOLOGY OF LARYNGEALPAPILLOMA	47,596
INSTITUTION TOTAL	8	521,877	
CITY TOTAL	8	521,877	
ROCHESTER			
MAYO FOUNDATION			
EY01709-01	ROBERTSON, DENNIS M	CHORIORETINOPATHY	35,000
INSTITUTION TOTAL	1	35,000	
CITY TOTAL	1	35,000	
STATE TOTAL	10	595,064	
MISSISSIPPI			
JACKSON			
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER			
CA18298-01	BLASECKI, JOHN W, JR	ROLE OF FREE TUMOR ANTIGEN IN IMMUNITY TO SV40 TUMORS	47,090
INSTITUTION TOTAL	1	47,090	
CITY TOTAL	1	47,090	
STATE TOTAL	1	47,090	
MISSOURI			
COLUMBIA			
CANCER RESEARCH CENTER			
CA17946-01	SPRATT, JOHN S, JR	CLINICAL CANCER EDUCATION PROGRAM	109,751
INSTITUTION TOTAL	1	109,751	
MISSOURI CANCER PROGRAM			
CA19409-01	YARBRO, JOHN W	COMPREHENSIVE CANCER CENTER SUPPORT GRANT	147,184

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
MISSOURI			
COLUMBIA			
MISSOURI CANCER PROGRAM			
CA19348-01	YARBRO, JOHN W	EXPLORATORY PLANNING FOR CANCER CENTER DEVELOPMENT	57,020
INSTITUTION TOTAL	2	204,204	
UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT COLUMBIA			
AM19008-01	TOWNSEND, JOHN F	DIABETIC MICROANGIOPATHY IN MYSTROMYS ALBICAUDATUS	24,000
INSTITUTION TOTAL	1	24,000	
CITY TOTAL	4	337,955	
KANSAS CITY			
MIDWEST RESEARCH INSTITUTE			
CA18971-01	CORBETT, MICHAEL D	APLASTIC ANEMIA AND CHLORAMPHENICOL METABOLITES	31,525
INSTITUTION TOTAL	1	31,525	
CITY TOTAL	1	31,525	
SAINT LOUIS			
ST. LOUIS UNIVERSITY			
AI13115-01	BELLONE, CLIFFORD J	NATURE OF ANTIGEN RECOGNITION ON T-CELLS	49,258
INSTITUTION TOTAL	1	49,258	
CITY TOTAL	1	49,258	
UNIVERSITY CITY			
WASHINGTON UNIVERSITY			
HD09998-01	HILLMAN, LAURA S	CLINICAL CORRELATIONS TO VITAMIN D STATUS IN INFANTS	45,865
HL19374-01	MARSHALL, GARLAND R	PHARMACOLOGY OF KININS IN CARDIOVASCULAR DISEASE	70,872
AM18843-01	RUTHERFORD, WILLIAM E	CALCIUM ABSORPTION IN UREMIA	38,500
INSTITUTION TOTAL	3	155,237	
CITY TOTAL	3	155,237	
STATE TOTAL	9	573,975	
NEBRASKA			
OMAHA			
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER			
CA20022-01	LANGENBACH, ROBERT J	IN VITRO CHEMICAL CARCINOGENESIS	27,508

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEBRASKA			
OMAHA			
UNIVERSITY OF NEBRASKA SYSTEM--UNIVERSITY OF NEBRASKA MEDICAL CENTER			
CA18548-01	SHARP, JOHN G	ARTIFICIAL CAPILLARY CULTURE OF HEMOPOIETIC CELLS	28,250
INSTITUTION TOTAL	2	55,758	
CITY TOTAL	2	55,758	
STATE TOTAL	2	55,758	
NEW HAMPSHIRE			
HANOVER			
DARTMOUTH COLLEGE			
CA18148-01	CHAMBERS, WILBERT F	DEVELOPING NEOPLASMS FROM EMBRYONIC PITUITARY	43,073
CA19613-01	VALTIN, HEINZ	ECTOPIC HORMONES IN SMALL CELL CARCINOMA OF THE LUNG	44,971
INSTITUTION TOTAL	2	88,044	
CITY TOTAL	2	88,044	
STATE TOTAL	2	88,044	
NEW JERSEY			
HOBOKEN			
STEVENS INSTITUTE OF TECHNOLOGY			
DE04559-01	SCHILLER, RALPH	LASER HOMODYNE STUDY OF PLAQUE BACTERIA AGGREGATION	21,146
INSTITUTION TOTAL	1	21,146	
CITY TOTAL	1	21,146	
NEW BRUNSWICK			
RUTGERS UNIVERSITY			
CA19307-01	APPLEBY, ALAN	RADIATION CHEMISTRY OF HIGH ENERGY HEAVY ION BEAMS	29,135
CA18897-01	HUDRLIK, PAUL F	APPROACHES TO ALPHA-METHYLENE-LACTONE TUMOR INHIBITORS	28,650
INSTITUTION TOTAL	2	57,785	
CITY TOTAL	2	57,785	
NEWARK			
CANCER INSTITUTE OF NEW JERSEY			
CA18828-01	CLEMENTE, CELESTINO	EXPLORATORY STUDIES IN CANCER RESEARCH	53,272
INSTITUTION TOTAL	1	53,272	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW JERSEY			
NEWARK			
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY			
HL19398-01	ETTINGER, PHILIP O	REGIONAL CONDUCTION ABNORMALITIES AND APPHYTHMIAS	27,099
HL18607-01	GERTNER, SHELDON B	METABOLIC & DRUG STUDIES ON EXPERIMENTAL FAT EMBOLISM	22,509
HL19053-01	KAPLAN, HARRY A	VASCULAR ANATOMY OF THE TELENCEPHALON	23,000
HL18868-01	OPDYKE, DAVID F	DEVELOPMENT OF VERTEBRATE VASCULAR CONTROL SYSTEMS	13,429
CA19127-01	REDWOOD, WILLIAM R	LIPOSOMES AS CARRIERS FOR ANTITUMOR AGENTS	21,411
INSTITUTION TOTAL	5	107,448	
NEWARK BETH ISRAEL MEDICAL CENTER			
CA18954-01	KIRSCHNER, MARVIN A	BIOCHEMICAL MARKERS OF MALIGNANCY	26,800
INSTITUTION TOTAL	1	26,800	
CITY TOTAL	7	187,520	
PISCATAWAY			
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY--RUTGERS MEDICAL SCHOOL			
AM19217-01	MALATHI, PARAMESWARA	BRUSH BORDER-MEMBRANE ASSOCIATED ENZYMES	25,000
GM23060-01	MORRIS, N RONALD	GENETICS AND BIOCHEMISTRY OF MITOSIS IN ASPERGILLUS	45,705
INSTITUTION TOTAL	2	70,705	
CITY TOTAL	2	70,705	
PRINCETON			
PRINCETON UNIVERSITY			
GM23159-01	SNIDER, BARRY B	NEW SYNTHETIC APPLICATIONS OF THE ENE REACTION	32,252
INSTITUTION TOTAL	1	32,252	
CITY TOTAL	1	32,252	
STATE TOTAL	13	369,408	
NEW MEXICO			
ALBUQUERQUE			
UNIVERSITY OF NEW MEXICO			
CA19710-01	BUECHLEY, ROBERT W	CANCER INCIDENCE IN NEW MEXICO INDIANS AND SPANISH	32,493
CA16871-01A1	DAUB, GUIDO H	13C-ENRICHED CHEMICAL CARCINOGENS	55,696
CA19563-01	VORHERR, HELMUTH W	DES-INDUCED TRANSPLACENTAL CARCINOGENESIS	26,168
INSTITUTION TOTAL	3	114,357	
CITY TOTAL	3	114,357	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW MEXICO			
UNIVERSITY PARK			
NEW MEXICO STATE UNIVERSITY			
HD10664-01	CASILLAS, EDMUND R	CARNITINE AND CAMP IN MATURING MAMMALIAN SPERM	44,421
INSTITUTION TOTAL	1	44,421	
CITY TOTAL	1	44,421	
STATE TOTAL	4	158,778	
NEW YORK			
ALBANY			
NEW YORK STATE DEPARTMENT OF HEALTH			
CA21033-01	BICHER, HAIM I	PROTECTING MICROCIRCULATORY LIVER RADIATION DAMAGE	43,810
INSTITUTION TOTAL	1	43,810	
CITY TOTAL	1	43,810	
BUFFALO			
CHILDREN'S HOSPITAL			
AM17879-01A1	MAC GILLIVRAY, MARGARET H	HORMONES, BLOOD GLUCOSE AND LIPIDS IN DIABETIC CHILDREN	76,818
INSTITUTION TOTAL	1	76,818	
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE			
CA18533-01	FREEMAN, ARNOLD I	PHARMACOLOGIC AND THERAPEUTIC EFFECTS OF RIN.RCN	41,136
CA19097-01	PLAGER, JOHN E	IN VIVO CELL CYCLE SYNCHRONIZATION OF MURINE TUMORS	17,035
CA18260-01	POSTE, GEORGE H	MODIFICATION OF CELL BEHAVIOR BY LIPID VESICLES	44,850
CA18420-01	RUSTUM, YOUCEF M	CELLULAR SELECTIVITY OF ANTIMETABOLITES	35,618
CA19304-01	SEON, BYEONG-KUK	HUMAN LEUKEMIA AND LYMPHOMA ASSOCIATED ANTIGENS	27,460
INSTITUTION TOTAL	5	166,099	
CITY TOTAL	6	242,917	
COLD SPRING HARBOR			
COLD SPRING HARBOR LABORATORY			
CA20036-01	WATSON, JAMES D	THIRD HERPES VIRUS WORKSHOP AT COLD SPRING HARBOR	19,000
INSTITUTION TOTAL	1	19,000	
CITY TOTAL	1	19,000	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
COOPERSTOWN			
MARY IMOGENE BASSETT HOSPITAL AND CLINICS			
CA18262-01	SAUER, LEONARD A	PATHWAYS OF MALATE METABOLISM IN MALIGNANCY	24,400
INSTITUTION TOTAL	1	24,400	
CITY TOTAL	1	24,400	
GARDEN CITY			
ADELPHI UNIVERSITY			
EY01725-01	BETTELHEIM, FREDERICK A	POLARIZATION STUDIES IN THE INTACT EYE	13,662
INSTITUTION TOTAL	1	13,662	
CITY TOTAL	1	13,662	
ITHACA			
CORNELL UNIVERSITY			
CA20079-01	CAMPBELL, T COLIN	EFFECT OF NUTRITION ON CARCINOGEN AND TOXIN METABOLISM	61,600
HL19381-01	FABRICANT, CATHERINE G	A VIRAL ROLE IN ARTERIOSCLEROSIS PATHOGENESIS?	58,053
CA19686-01	GANEM, BRUCE	SYNTHESIS OF MAYTANSINE; AN IMPORTANT ANTITUMOR AGENT	47,904
INSTITUTION TOTAL	3	167,557	
CITY TOTAL	3	167,557	
NEW YORK			
CITY UNIVERSITY OF NEW YORK--HUNTER COLLEGE			
CA19487-01	HANDLER, EUGENE S	HEMATOPOIETIC COLONY FORMATION IN VIVO	34,228
INSTITUTION TOTAL	1	34,228	
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE			
GM23182-01	CALHOUN, DAVID H	CONTROL OF GENE EXPRESSION BY AN ALLOSTERIC ENZYME	41,000
CA18755-01	ZANJANI, ESMAIL D	REGULATION OF CELLULAR PROLIFERATION IN NEOPLASTIC STATE	36,584
INSTITUTION TOTAL	2	77,584	
CITY UNIVERSITY OF NEW YORK--YORK COLLEGE			
RR08153-01	HAMPTON, SUZANNE H	INDEPENDENT RESEARCH TRAINING FOR BIOMEDICAL CAREERS	68,805
INSTITUTION TOTAL	1	68,805	
COLUMBIA UNIVERSITY			
HL19488-01	EISENTHAL, KENNETH B	PICOSECOND LASER STUDIES OF HEME-PROTEINS	35,283

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
COLUMBIA UNIVERSITY			
CA19152-01	GUNTAKA, RAMAREDDY V	STRUCTURE AND FUNCTION OF AVIAN SARCOMA VIRAL DNA	62,753
CA18314-01	MARKS, PAUL A	LEUKEMIA CELL SYSTEMS: INDUCTION OF DIFFERENTIATION	71,000
AM18549-01A1	POH, MAUREEN B	ERYTHROPOIETIC PROTOPORPHYRIA: MECHANISM OF DISEASE	40,000
INSTITUTION TOTAL	4	209,036	
CORNELL UNIVERSITY MEDICAL CENTER			
HL19109-01	MINICK, CHARLES R	REGRESSION OF CHRONIC ATHEROSCLEROSIS	48,130
AI12932-01	ROBERTS, RICHARD B	PROGRAM-PROJECT GRANT IN VENEREAL DISEASES	166,388
INSTITUTION TOTAL	2	214,518	
LONG ISLAND JEWISH-HILLSIDE MEDICAL CENTER			
CA20128-01	KLAVINS, JANIS V	DIAGNOSTIC TEST FOR PANCREATIC CARCINOMA	18,879
INSTITUTION TOTAL	1	18,879	
NEW YORK ACADEMY OF SCIENCES			
CA19815-01	PARSONS, DONALD F	SHORT WAVELENGTH MICROSCOPY	9,945
INSTITUTION TOTAL	1	9,945	
NEW YORK CITY HEALTH SERVICES ADMINISTRATION--PUBLIC HEALTH RESEARCH INSTITUTE OF CITY OF N Y			
CA18651-01	COHEN, BERTRAM I	EFFECTS OF STEROLS AND BILE ACIDS ON COLON CANCER	74,315
INSTITUTION TOTAL	1	74,315	
NEW YORK UNIVERSITY			
CA18536-01	BELMAN, SIDNEY	THE ROLE OF CYCLIC NUCLEOTIDES IN TUMOR PROMOTION	46,527
CA19421-01	ROSSMAN, TOBY G	CANCER AND ERROR-PRONE DNA REPAIR IN ANIMAL CELLS	39,560
HL19072-01	WEISSMANN, GERALD	MODIFICATION OF TISSUE INJURY IN MYOCARDIAL INFARCTION	41,000
INSTITUTION TOTAL	3	127,087	
ROCKEFELLER UNIVERSITY			
CA18213-01	DARNELL, JAMES E, JR	CORRELATED PROGRAM IN VIRAL ONCOLOGY	224,063
AM18635-01	GREGORY, JOHN D	BIOCHEMISTRY OF PROTEOGLYCANS OF THE DERMIS	34,055
CA19073-01	HSU, MING-TA	BASIC MECHANISM OF VIRAL ONCOGENESIS	39,038
CA18945-01	SILVERSTEIN, SAMUEL C	PLASMINOGEN ACTIVATORS OF MALIGNANCY	42,094
CA19040-01	WANG, JOHN L	GROWTH REGULATION IN LYMPHOID AND NEOPLASTIC CELLS	30,490
CA20107-01	WINCHESTER, ROBERT J	STUDIES OF B LYMPHOCYTE ALLOANTIGENS	52,324
INSTITUTION TOTAL	6	422,064	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
CA18926-01	BIEDLER, JUNE L	CYTOGENETICS OF AKR MOUSE LEUKEMIA	23,816
RR01001-01	BOYSE, EDWARD A	NATIONAL CONGENIC MOUSE SUPPLY-MULTICATEGORY RESEARCH	129,104
CA19259-01	BURGER, RICHARD M	SV40 TRANSFORMATION OF GARDNER'S SYNDROME FIBROBLASTS	53,231
CA19117-01	CLARKSON, BAYARD D	CELL PROLIFERATION KINETICS IN HEMATOPOIETIC TUMORS	100,131
CA18951-01	D'ANGIO, GIULIO J	RADIATION ONCOGENESIS & ACTINOMYCIN-D	31,987
EY01616-01	DUPONT, BO	SPONTANEOUS REGRESSION IN RETINOBLASTOMA	35,365
AI13374-01	GOLDSTEIN, GIDEON	T-CELL DIFFERENTIATION: MOLECULAR MECHANISMS	33,957
CA18962-01	HAHN, ERIC W	FRACTIONATED HEAT AND/OR RADIATION ON NORMAL TISSUES	31,166
CA19072-01	HARDY, WILLIAM D, JR	TUMOR THERAPY: EMPHASIS ON IMMUNOTHERAPY	102,898
CA19050-01	KREIS, WILLI	TUMOR THERAPY BY L-METHIONINE DEPRIVATION	39,838
CA19765-01	OLD, LLOYD J	HUMAN CANCER SEROLOGY	220,364
CA18965-01	PARHAM, JAMES C	TRANSITION STATE ANALOGS OF PURINES FOR CHEMOTHERAPY	34,046
NS12396-01A1	PRICE, RICHARD W	HERPES SIMPLEX VIRUS INFECTION OF AUTONOMIC GANGLIA	44,382
CA18844-01	ROBERTS, JOSEPH	THERAPY BY ENZYMIC DEPLETION OF ESSENTIAL AMINO ACIDS	48,011
CA18873-01	RUSS, GERALD A	SELECTIVE IRRADIATION OF OSSEOUS TUMORS WITH 33P-HEDP	35,652
CA19608-01	SALSER, JOSEPHINE S	METABOLIC CONTROLS OF THYMIDYLATE IN MALIGNANT GROWTH	30,042
CA20863-01	STEWART, WILLIAM E, II	CHARACTERIZATION OF INTERFERONS AND THEIR ACTIONS	35,613
CA19667-01	STOHRER, GERHARD	PURINE N-OXIDES AND OTHER ONCOGENS	41,240
CA18253-01	TELLER, MORRIS N	IMMUNITY TO TUMOR FOLLOWING DRUG-INDUCED REMISSION	40,420
HD10065-01	WACHTEL, STEPHEN S	H-Y ANTIGEN IN HUMANS WITH SEX-CHROMOSOMAL ANOMALIES	34,425
CA18179-01A1	WEISS, HERBERT	DENSELY IONIZING RADIATION AND OXYGEN TENSION IN CELLS	52,451
INSTITUTION TOTAL	21	1,198,139	
ST. LUKE'S HOSPITAL CENTER			
AM19470-01	PIERCE, JAMES C	HUMORAL ANTIBODY AND RENAL ALLOGRAFT REJECTION	39,982
INSTITUTION TOTAL	1	39,982	
ST. VINCENT'S HOSPITAL AND MEDICAL CENTER OF NEW YORK			
HL18984-01	MAZZARA, JAMES T	P50 EFFECT ON EXERCISE LIMIT IN STABLE ANGINA	21,492
CA19632-01	NEALON, THOMAS F, JR	THE NUTRITIONAL COMPONENT OF CANCER THERAPY	49,214
INSTITUTION TOTAL	2	70,706	
STATE UNIVERSITY OF NEW YORK--DOWNSTATE MEDICAL CENTER			
AI12824-01	KOUNTZ, SAMUEL L	IN VITRO MIXED ORGAN CELL LYMPHOCYTE REACTIONS	40,037
HL18511-01	MALIK, MAZHAR N	ALLOSTERIC FUNCTION OF PLATELET CONTRACTILE PROTEINS	35,200
INSTITUTION TOTAL	2	75,237	
YESHIVA UNIVERSITY			
CA20879-01	BASES, ROBERT E	MUTAGEN INDUCED ANTINUCLEOSIDE IMMUNOREACTIVITY	102,375

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
NEW YORK			
YESHIVA UNIVERSITY			
AI13509-01	BIRSHTEIN, BARBARA K	CELLULAR AND STRUCTURAL STUDIES OF MYELOMA MUTANTS	38,174
INSTITUTION TOTAL	2	140,549	
CITY TOTAL	50	2,781,074	
PLATTSBURGH			
STATE UNIVERSITY OF NEW YORK--COLLEGE AT PLATTSBURGH			
AI13168-01	GRAZIADEI, WILLIAM D	INTERFERON: POST-TRANSCRIPTIONAL MECHANISM	26,684
INSTITUTION TOTAL	1	26,684	
CITY TOTAL	1	26,684	
POUGHKEEPSIE			
VASSAR COLLEGE			
AM19382-01	JOHNSON, PATRICIA R	GROWTH OF ZUCKER RAT PREADIPOCYTES AND FETAL HEPATOCYTES	30,386
INSTITUTION TOTAL	1	30,386	
CITY TOTAL	1	30,386	
ROCHESTER			
UNIVERSITY OF ROCHESTER			
HL20363-01	KEILSON, JULIAN	A MULTI-COMPONENT CIRCULATORY METABOLISM MODEL	16,714
CA18846-01	KENDE, ANDREW S	TWISTED BIARYL ANTITUMOR AGENTS	57,451
CA19681-01	SCHMALE, ARTHUR	PSYCHOSOCIAL COLLABORATIVE GROUP FOR CANCER CONTROL	123,948
CA18776-01	SOBELL, HENRY M	DRUG-NUCLEIC ACID INTERACTIONS BY X-RAY CRYSTALLOGRAPHY	25,000
INSTITUTION TOTAL	4	223,113	
CITY TOTAL	4	223,113	
STONY BROOK			
STATE UNIVERSITY OF NEW YORK AT STONY BROOK			
EY01530-01	EISENBERG, MOISES	INCORPORATION OF RHODOPSIN INTO ARTIFICIAL MEMBRANES	26,937
CA18176-01	POLLACK, ROBERT E	ONCOGENIC VIRUS GENE CONTROL OF CELL GROWTH AND SHAPE	15,000
INSTITUTION TOTAL	2	41,937	
CITY TOTAL	2	41,937	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NEW YORK			
SYRACUSE			
STATE UNIVERSITY OF NEW YORK--COLLEGE OF ENVIRONMENTAL SCIENCE AND FORESTRY			
ES01278-01	LA LONDE, ROBERT T	NATURALLY OCCURRING MOSQUITO LARVICIDES	24,570
INSTITUTION TOTAL 1		24,570	
SYRACUSE UNIVERSITY			
CA19064-01	DUNHAM, PHILIP B	IMMUNOSTIMULATION OF MEMBRANE TRANSPORT IN TUMOR CELLS	53,929
INSTITUTION TOTAL 1		53,929	
CITY TOTAL 2		78,499	
TROY			
RENSSELAER POLYTECHNIC INSTITUTE			
AM19094-01	MOW, VAN C	BIOMECHANICS OF AGING AND OSTEOARTHRITIC CARTILAGE	63,048
INSTITUTION TOTAL 1		63,048	
CITY TOTAL 1		63,048	
WILLIAMSVILLE			
ERIE COMMUNITY COLLEGE			
CA18478-01	NINAN-ADANGAPPURAM, THAMBY	HOST-MEDIATED ASSAY OF CARCINOGENIC & MUTAGENIC AGENTS	32,893
INSTITUTION TOTAL 1		32,893	
CITY TOTAL 1		32,893	
STATE TOTAL 75		3,788,980	
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
CA20869-01	MC MICHAEL, ANTHONY J	LEUKEMIA IN RUBBER WORKERS, A CASE-CONTROL STUDY	19,200
CA19014-01	PAGANO, JOSEPH S	DNA VIRUS GENOMES, ONCOGENESIS AND LATENCY	236,351
HD10306-01	PETRUSZ, PETER	FSH-TESTIS INTERACTIONS	20,635
AI13464-01	SCHWAB, JOHN H	BACTERIAL CELL WALLS IN RELAPSING EROSIVE SYNOVITIS	171,589
ES01349-01	SOBSEY, MARK D	VIRUS DETECTION IN SHELLFISH AND THEIR GROWING WATERS	56,357
CA20868-01	TYROLER, HERMAN A	STOMACH CANCER IN RUBBER WORKERS--CASE-CONTROL STUDY	19,200
INSTITUTION TOTAL 6		523,332	
CITY TOTAL 6		523,332	

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
NORTH CAROLINA			
DURHAM			
DUKE UNIVERSITY			
GM23712-01	ASHLEY, TERRY F	INVESTIGATION OF CHROMOSOMAL ORGANIZATION IN NUCLEI	44,480
CA19601-01	NEWELL, JOSEPHINE E	BREAST EXAMINATION AND BREAST SELF EXAMINATION	35,000
HD09713-01	SLOTKIN, THEODORE A	DRUGS AND DEVELOPMENT OF ADRENERGIC NERVOUS SYSTEM	26,438
CA20862-01	SOMJEN, GEORGE G	ASTROCYTOMAS: ELECTRIC AND METABOLIC PROPERTIES	8,545
CA19013-01	VOGEL, F STEPHEN	ANTITUMOR ACTIONS OF QUINONES THAT INDUCE CRYPTOBIOSIS	48,180
INSTITUTION TOTAL	5	162,643	
CITY TOTAL	5	162,643	
RALEIGH			
UNIVERSITY OF NORTH CAROLINA SYSTEM--NORTH CAROLINA STATE UNIVERSITY AT RALEIGH			
GM23724-01	NELSON, LARRY A	IX INTERNATIONAL BIOMETRIC CONFERENCE	2,000
ES01525-01	NELSON, LARRY A	IX INTERNATIONAL BIOMETRIC CONFERENCE	10,000
INSTITUTION TOTAL	2	12,000	
CITY TOTAL	2	12,000	
RESEARCH TRIANGLE PARK			
RESEARCH TRIANGLE INSTITUTE			
GM23197-01	COOK, CLARENCE E	STEREOSELECTIVE RIA FOR ANALYSIS IN PHARMACOLOGY	38,221
GM23262-01	PELLIZZARI, EDO D	GAS CHROMATOGRAPHIC TECHNIQUES FOR PHARMACOLOGY	22,683
INSTITUTION TOTAL	2	60,904	
CITY TOTAL	2	60,904	
WINSTON-SALEM			
WAKE FOREST UNIVERSITY			
CA19358-01	EVANS, DONALD L	IMMUNOBIOLOGICAL PROPERTIES OF EMBRYONIC ANTIGENS	37,848
CA20118-01	RESNICK, MARTIN I	ULTRASONOGRAPHY IN THE EVALUATION OF PROSTATIC CANCER	24,680
CA19439-01	SPURR, CHARLES L	CLINICAL CANCER EDUCATION PROGRAM	146,482
INSTITUTION TOTAL	3	209,010	
CITY TOTAL	3	209,010	
STATE TOTAL	18	967,889	
OHIO			
CINCINNATI			
CHILDREN'S HOSPITAL MEDICAL CENTER			
HL18454-01	JAMES, FREDERICK W	MAXIMAL EXERCISE TESTING IN HYPERLIPIDEMIC CHILDREN	52,721

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	52,721	
OHIO			
CINCINNATI			
UNIVERSITY OF CINCINNATI			
CA15717-01A4	BOBST, ALBERT M	SPIN ASSAY FOR NUCLEIC ACID BINDING PROTEINS	34,851
ES01462-01	FOULKES, ERNEST C	TOXICOLOGICAL SIGNIFICANCE OF CADMIUM-METALLOTHIONEIN	42,083
HL19447-01	PLOY-SONG-SANG, YONGYUDH	ACOUSTIC PULMONARY FUNCTION TESTS	30,000
AM19426-01	SMITH, ROGER D	VIROLOGIC EVALUATION OF CHRONIC RENAL DISEASE	40,000
INSTITUTION TOTAL	4	146,934	
CITY TOTAL	5	199,655	
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
EY01528-01A1	DYBBS, ALEXANDER	IMPROVEMENT OF CORNEAL CONTACT LENS DESIGN	43,118
CA19283-01	GREGG, EARLE C	CORE SUPPORT FOR RADIATION ONCOLOGY RESEARCH	145,889
CA16650-01A1	KOWAL, JEROME	HORMONAL CONTROL OF NORMAL AND NEOPLASTIC BREAST CELLS	38,940
CA18156-01	OLAH, GEORGE A	THE ELECTROPHILIC NATURE OF CHEMICAL CARCINOGENS	25,000
AM19115-01	SCHILTZ, JOHN R	PATHOPHYSIOLOGY OF CERTAIN HUMAN BULLOUS DERMATOSES	61,759
INSTITUTION TOTAL	5	314,706	
CLEVELAND CLINIC HOSPITAL			
CA19720-01	ANTUNEZ, ANTONIO R	NEUTRON BEAM RADIOTHERAPY	173,119
HL18639-01	NOSE, YUKIHIKO	HUMAN ANATOMY FOR CARDIAC PROSTHESES	40,000
INSTITUTION TOTAL	2	213,119	
CITY TOTAL	7	527,825	
COLUMBUS			
OHIO STATE UNIVERSITY			
CA19705-01	LO BUGLIO, ALBERT F	CONTROL OF MACROPHAGE FUNCTION BY CAMP/CGMP IN NEOPLASIA	50,000
GM23053-01	WOLFE, DOUGLAS A	NONPARAMETRIC PARTIALLY SEQUENTIAL PROCEDURES	19,858
INSTITUTION TOTAL	2	69,858	
CITY TOTAL	2	69,858	
TOLEDO			
MEDICAL COLLEGE OF OHIO AT TOLEDO			
AM19350-01	BRAND, PAUL H	LACTATE TRANSPORT IN ISOLATED PERFUSED RENAL TUBULE	33,868

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OHIO			
TOLEDO			
MEDICAL COLLEGE OF OHIO AT TOLEDO			
HL19234-01	FREIMER, EARL H	STREPTOCCCCI AND HEART: CELL-MEDIATED CROSS-REACTIONS	42,759
INSTITUTION TOTAL	2	76,627	
CITY TOTAL	2	76,627	
YELLOW SPRINGS			
FELS RESEARCH INSTITUTE			
HL10246-01	ROCHE, ALEXANDER F	SUBCUTANEOUS FAT, BLOOD LIPIDS AND HEALTH	349,739
INSTITUTION TOTAL	1	349,739	
CITY TOTAL	1	349,739	
STATE TOTAL	17	1,223,704	
OKLAHOMA			
NORMAN			
UNIVERSITY OF OKLAHOMA			
HL18082-01	HUTCHISON, VICTOR H	ERYTHROCYTE PHOSPHATES AND VERTEBRATE GAS TRANSPORT	32,472
ES01439-01	THOMPSON, JAMES N, JR	FREQUENCIES OF MUTATOR FACTORS IN NATURAL POPULATIONS	36,018
INSTITUTION TOTAL	2	68,490	
CITY TOTAL	2	68,490	
OKLAHOMA CITY			
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER			
CA17855-01A1	ALLISON, JOHN E	TUMORIGENESIS IN ANDROGEN INSENSITIVE RATS	17,220
CA19437-01	HUMPHREY, GEORGE B	SUPPORT FOR CANCER RESEARCH CENTER	135,663
INSTITUTION TOTAL	2	152,883	
CITY TOTAL	2	152,883	
STATE TOTAL	4	221,373	
OREGON			
CORVALLIS			
OREGON STATE HIGHER EDUCATION SYSTEM--OREGON STATE UNIVERSITY			
AI13295-01	BAYNE, CHRISTOPHER J	SCHISTOSOMIASIS: CELL BIOLOGY OF THE INTERMEDIATE HOST	61,607
INSTITUTION TOTAL	1	61,607	
CITY TOTAL	1	61,607	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
OREGON			
PORTLAND			
OREGON OPTOMETRIC CENTER			
EY01692-01	SCHOR, CLIFTON M	ABNORMAL EYE MOVEMENT IN STRABISMUS AND AMBLYOPIA	31,848
INSTITUTION TOTAL	1	31,848	
OREGON STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF OREGON HEALTH SCIENCES CENTER			
GM22928-01	BENNETT, WILLIAM M	GENTAMICIN: NEPHROTOXICITY AND PHARMACOLOGY	24,347
EY01726-01	BURNS, ROBERT P	HEREDITARY CATARACT IN PEROMYSCUS	20,985
HD10034-01	METCALFE, JAMES	RESPIRATION DURING DEVELOPMENT	355,661
AI12928-01	MORSE, STEPHEN A	INTERACTION OF STEROIDS WITH NEISSERIA GONORRHOEAE	40,475
CA18149-01	SIEGEL, BENJAMIN V	AUTOIMMUNITY AND NEOPLASIA IN NEW ZEALAND BLACK MICE	37,422
INSTITUTION TOTAL	5	478,890	
CITY TOTAL	6	510,738	
STATE TOTAL	7	572,345	
PENNSYLVANIA			
HERSHEY			
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER			
CA17686-01A1	BHAVANANDAN, VEERASINGHAM P	COMPLEX SACCHARIDES OF NORMAL AND CANCER CELL NUCLEI	41,068
CA20002-01	COMBS, JOHN W	CELL POPULATION KINETICS OF TUMORS AND HOST TISSUES	26,475
CA18654-01	PURNELL, DALLAS M	PRECURSORS OF HYPERPLASTIC NODULES OF MAMMARY GLAND	30,715
CA18450-01	RAPP, FRED	SUPPORT FOR SPECIALIZED CANCER RESEARCH CENTER	143,573
INSTITUTION TOTAL	4	241,831	
CITY TOTAL	4	241,831	
PHILADELPHIA			
CHILDREN'S HOSPITAL OF PHILADELPHIA			
CA19372-01	DONALDSON, MILTON H	CLINICAL CANCER	118,003
CA18578-01A1	SOUTH, MARY A	SECRETORY COMPONENT IN NEOPLASIA	37,610
INSTITUTION TOTAL	2	155,613	
HAHNEMANN MEDICAL COLLEGE AND HOSPITAL OF PHILADELPHIA			
CA18225-01	SHOBER, WHARTON	EXPLORATORY STUDIES IN CANCER RESEARCH	45,664
INSTITUTION TOTAL	1	45,664	
INSTITUTE FOR CANCER RESEARCH			
CA18993-01	ENGSTROM, PAUL F	SUPPORT FOR A CANCER CONTROL OUTREACH PROGRAM	370,917
INSTITUTION TOTAL	1	370,917	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
MEDICAL COLLEGE OF PENNSYLVANIA			
FR01048-01	GABRIEL, KARL L	ANIMAL FACILITY IMPROVEMENT GRANT	157,897
INSTITUTION TOTAL 1		157,897	
ST. CHRISTOPHER'S HOSPITAL FOR CHILDREN			
CA19834-01	PUNNETT, HOPE H	DO SOME GENETIC CONSTITUTIONS PREDISPOSE TO CANCER?	50,000
INSTITUTION TOTAL 1		50,000	
TEMPLE UNIVERSITY			
HL19104-01	HECKMAN, JAMES L	THE DYNAMIC FUNCTION OF THE CARDIAC VALVES	28,039
HD09753-01	HILLMAN, NINA W	STUDIES OF MOUSE SPERMATOGENESIS AND FERTILIZATION	41,120
HL19427-01	MAYROVITZ, HARVEY N	ROLE OF BIOELECTRIC POTENTIALS IN PLATELET ADHERENCE	18,177
CA19456-01	MILLER, ARTHUR S	CLINICAL CANCER--DENTAL	29,155
CA19445-01	SCHWARTZ, ARTHUR G	ACTIVATION OF CHEMICAL CARCINOGENS BY DIFFERENT SPECIES	31,765
INSTITUTION TOTAL 5		148,256	
THOMAS JEFFERSON UNIVERSITY			
CA19787-01	SHABER, GARY S	LOW DOSE BREAST ELECTRON RADIOGRAPHY (IONOGRAPHY)	87,694
INSTITUTION TOTAL 1		87,694	
UNIVERSITY OF PENNSYLVANIA			
HL18209-01A1	COLMAN, ROBERT W	PLATELET-LIPOPROTEIN INTERACTIONS IN THROMBOGENESIS	23,300
GM22511-01A1	FERGUSON, JAMES J, JR	POSTTRANSCRIPTIONAL-TRANSLATIONAL CONTROL MECHANISMS	48,201
CA19033-01	SMITH, AMOS B, III	METHYLENCMYCINS A AND B: POTENTIAL ANTITUMOR AGENTS	34,381
INSTITUTION TOTAL 3		105,882	
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
CA19454-01	ROVERA, GIOVANNI	REGULATORY MECHANISMS OF ERYTHROID DIFFERENTIATION	17,300
AI13231-01	WEINMANN, ROBERTO	FUNCTION, REGULATION OF ADENOVIRUS CODED SMALL RNAS	46,610
INSTITUTION TOTAL 2		63,910	
CITY TOTAL 17		1,185,833	
PITTSBURGH			
ALLEGHENY GENERAL HOSPITAL			
CA20062-01	LESHER, SAMUEL W	COLORECTAL CANCER: CELL KINETICS AND TREATMENT	48,010
INSTITUTION TOTAL 1		48,010	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
PENNSYLVANIA			
PITTSBURGH			
CARNEGIE-MELLON UNIVERSITY			
CA21030-01	SLESINSKI, RONALD S	MUTATION AND HYBRIDIZATION OF HUMAN LYMPHOBLAST CELLS	36,773
INSTITUTION TOTAL	1	36,773	
UNIVERSITY OF PITTSBURGH			
CA19488-01	ANDERSON, GARTH R	SPECIFIC CELLULAR SEQUENCES IN SARCOMA VIRUS GENOMES	50,340
NS13511-01	BYRNE, JOHN H	ANALYSIS OF THE NEURAL CONTROL OF BEHAVIOR	53,978
AM18857-01	CORDER, CLINTON N	KIDNEY ATPASE: ACTIVITY CONVERSION	15,287
AM19331-01	LIU, CHUNG-CHIUN	AN IMMOBILIZED ENZYMATIC-FUEL CELL GLUCOSE SENSOR	61,497
ES01129-01A1	MAZUMDAR, SATI	AIR POLLUTION MORBIDITY MORTALITY STUDY	44,933
INSTITUTION TOTAL	5	226,035	
CITY TOTAL	7	310,818	
STATE TOTAL	28	1,738,482	
RHODE ISLAND			
KINGSTON			
GORDON RESEARCH CONFERENCES			
GM23142-01	HOLTZMAN, ERIC	GORDON CONFERENCE ON LYSOSOMES	1,000
INSTITUTION TOTAL	1	1,000	
CITY TOTAL	1	1,000	
PAWTUCKET			
MEMORIAL HOSPITAL			
HL19323-01	STEINER, MANFRED	STUDIES OF PLATELET MICROTUBULE PROTEIN	33,487
INSTITUTION TOTAL	1	33,487	
CITY TOTAL	1	33,487	
PROVIDENCE			
ROGER WILLIAMS GENERAL HOSPITAL			
CA20892-01	CALABRESI, PAUL	CLINICAL PHARMACOLOGICAL STUDIES OF ANTINEOPLASMS	269,753
INSTITUTION TOTAL	1	269,753	
CITY TOTAL	1	269,753	
STATE TOTAL	3	304,240	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
SOUTH CAROLINA			
CHARLESTON			
MEDICAL UNIVERSITY OF SOUTH CAROLINA			
CA18205-01A1	JOHNSON, ROBERT C	RADIOSENSITIZATION BY SPECIFIC DNA REPAIR CONTROL	20,905
INSTITUTION TOTAL	1	20,905	
CITY TOTAL	1	20,905	
COLUMBIA			
UNIVERSITY OF SOUTH CAROLINA			
EY01629-01A1	SARGENT, ROGER G	A STUDY ON PHYSICAL FITNESS AND INTRAOCULAR PRESSURE	10,227
INSTITUTION TOTAL	1	10,227	
CITY TOTAL	1	10,227	
STATE TOTAL	2	31,132	
TENNESSEE			
MEMPHIS			
ST. JUDE CHILDREN'S RESEARCH HOSPITAL			
CA18446-01A1	FRIDLAND, ARNOLD	DNA REPLICATION IN DRUG TREATED HUMAN LYMPHOBLASTS	24,117
HL16720-01A2	GANGULY, PANKAJ	PLATELET AGGREGATION	27,100
CA20917-01	GUNASEKARAN, MUTHUKUMARAN	GAS CHROMATOGRAPHY FOR DETECTION OF FUNGAL INFECTION	34,218
AM18106-01A1	MORRISON, MARTIN	STRUCTURE AND FUNCTION OF RED CELL MEMBRANES	40,693
INSTITUTION TOTAL	4	126,128	
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES			
CA19532-01	MORRISON, WILLIAM C	CLINICAL CANCER--DENTAL	54,968
EY01701-01	WRIGHT, ALLEN K	SIZE AND SHAPE DETERMINATION OF RHODOPSIN IN SOLUTION	44,899
INSTITUTION TOTAL	2	99,867	
CITY TOTAL	6	225,995	
NASHVILLE			
GEORGE PEABODY COLLEGE FOR TEACHERS			
HD10662-01	BAUMEISTER, ALFRED A	STIMULUS FACTORS IN VERBAL LEARNING OF RETARDATES	56,859
INSTITUTION TOTAL	1	56,859	
VANDERBILT UNIVERSITY			
HL19370-01	HARRIS, THOMAS R	CORONARY CAPILLARY EXCHANGE: THE EFFECTS OF ISCHEMIA	47,800

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TENNESSEE			
NASHVILLE			
VANDERBILT UNIVERSITY			
GM23708-01	MC KANNA, JAMES A	MODIFIED (COATED) MEMBRANES = STRUCTURE AND COMPOSITION	33,942
INSTITUTION TOTAL	2	81,742	
CITY TOTAL	3	138,601	
STATE TOTAL	9	364,596	
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
CA19078-01	GIBSON, DAVID T	MICROBIAL DEGRADATION OF CARCINOGENIC HYDPOCARBONS	43,150
INSTITUTION TOTAL	1	43,150	
CITY TOTAL	1	43,150	
COLLEGE STATION			
TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY SYSTEM--TEXAS AGRICULTURAL AND MECHANICAL UNIVERSITY			
HL18441-01	HOEVE, CORNELIS A	GUIDELINES FOR POLYMERS ACTING AS ELASTIN SUBSTITUTES	25,279
INSTITUTION TOTAL	1	25,279	
CITY TOTAL	1	25,279	
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
EY01818-01	SCHACHAR, RONALD A	RAMAN SPECTROSCOPY OF THE LENS OF THE EYE	13,764
AI13448-01	VITETTA, ELLEN S	STRUCTURAL STUDIES OF H-2, TL AND T/T (F9) ANTIGENS	55,180
INSTITUTION TOTAL	2	68,944	
CITY TOTAL	2	68,944	
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
AI13249-01	BAKER, CAROL J	HUMAN IMMUNITY TO GROUP B STREPTOCOCCUS	37,823
AM19313-01	GRIFFITH, DONALD P	URINARY STONES--MEDICAL TREATMENT OF SURGICAL FAILURES	31,094
HD09467-01A1	TENG, CHRISTINA T	REPRODUCTIVE BIOLOGY OF THE EMBRYONIC OVARY	22,658
CAT9538-01	TWOMEY, JEREMIAH J	THYMIC ACTIVITY IN PLASMA WITH THYMUS DISORDERS	27,860
INSTITUTION TOTAL	4	119,435	

* INCLUDES DIRECT COST ONLY FOR NIH AWARDS

NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
TEXAS			
HOUSTON			
RICE UNIVERSITY			
HL18584-01	HELLUMS, JESSE D	EFFECTS OF PHYSICAL FORCES ON PLATELETS	31,039
INSTITUTION TOTAL	1	31,039	
UNIVERSITY OF HOUSTON			
CA19882-01	CATES, LINDLEY A, JR	ORGANOPHOSPHORUS ONCOLYTIC ANALOGS AND INHIBITORS	17,225
CA19995-01	DONAGHEY, CHARLES E	CELLSIM-FMF COUPLING FOR CANCER RESEARCH	34,050
AM19391-01	FELDMAN, STUART	ACETOHYDROXAMIC ACID PHARMACOKINETICS IN RATS AND MAN	24,555
INSTITUTION TOTAL	3	75,830	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
AM19393-01	BOOTH, FRANK W	BIOCHEMICAL ADAPTATIONS OF DISUSE AND REHABILITATION	30,080
CA19621-01	STROBEL, HENRY W, JR	DRUG METABOLISM IN LIVER TUMORS	33,235
CA19105-01A1	STROBEL, HENRY W, JR	GASTROINTESTINAL HORMONES AND COLONIC CARCINOMA	49,505
INSTITUTION TOTAL	3	112,820	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
CA18248-01	ARLINGHAUS, RALPH B	BIOSYNTHESIS OF RAUSCHER MURINE LEUKEMIA VIRAL PROTEINS	39,119
CA19808-01	BLUMENSCHEIN, GEORGE R	CLINICAL CANCER	153,488
CA19806-01	FREIREICH, EMIL J	INFECTIONS IN CANCER PATIENTS	159,669
CA18628-01	GRDINA, DAVID J	RADIATION RESPONSE OF CELLS SEPARATED FROM TUMORS	40,976
CA19976-01	HEVEZI, JAMES M	RADIOMAMMOGRAPHY WITH LESS THAN 150 MR PER EXPOSURE	82,008
CA20142-01	HEWITT, ROGER R	ORIGIN AND DIAGNOSTIC VALUE OF HUMAN SERUM DNASES	31,189
CA19281-01	HUMPHREY, RONALD M	CELL CYCLE RELATED DNA REPAIR MECHANISMS	39,559
CA21062-01	LOTZOVA, EVA	GROWTH CONTROL OF HUMAN HEMOPOIETIC CELLS	29,655
CA19460-01	PAINTER, JOSEPH T	CANCER CONTROL PROGRAM FOR FAMILY PRACTITIONERS	142,402
CA19856-01	RAO, POTU N	DRUG SCHEDULES & CELL CYCLE KINETICS IN ANIMAL TUMORS	51,000
CA19586-01	RAWSON, RULON W	SUPPORT FOR CARCINOGENESIS PLANNING CENTER	39,500
CA18829-01	WALBORG, EARL F, JR	PLASMA MEMBRANE GLYCOPROTEINS: ALTERATIONS IN NEOPLASIA	27,252
INSTITUTION TOTAL	12	835,817	
CITY TOTAL	23	1,174,941	
SAN ANTONIO			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
GM23734-01	MC NAY, JOHN L	METABOLISM AND PHARMACOKINETICS OF AMPHOTERICIN B	42,550
INSTITUTION TOTAL	1	42,550	
CITY TOTAL	1	42,550	
STATE TOTAL	28	1,354,864	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
CA19871-01	LYON, JOSEPH L	EPIDEMIOLOGY OF CERVICAL CANCER IN AREA OF LOW INCIDENCE	50,960
INSTITUTION TOTAL	1	50,960	
CITY TOTAL	1	50,960	
STATE TOTAL	1	50,960	
VERMONT			
BURLINGTON			
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE			
CA19381-01	ALBERTINI, RICHARD J	CLINICAL CANCER	106,868
INSTITUTION TOTAL	1	106,868	
CITY TOTAL	1	106,868	
WHITE RIVER JUNCTION			
VETERANS ADMINISTRATION CENTER			
CA19832-01	BONKOWSKY, PETER	LIVER CELL CULTURE FOR STUDY OF CARCINOGEN ACTIVATION	64,371
INSTITUTION TOTAL	1	64,371	
CITY TOTAL	1	64,371	
STATE TOTAL	2	171,239	
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
NS12905-01	JOHNS, THOMAS R, II	MYASTHENIA GRAVIS ANIMAL MODEL: PHYSIOLOGICAL STUDIES	63,877
AM19120-01	ODESSEY, RICHARD	CONTROL OF AMINO ACID METABOLISM IN SKELETAL MUSCLE	25,935
INSTITUTION TOTAL	2	89,812	
CITY TOTAL	2	89,812	
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
CA20174-01A2	MULLINAX, PERRY F	IMMUNOGLOBULINS AS GLYCOPROTEINS	42,651
CA19238-01	MURRAY, BYRON K	TRANSFORMATION BY DEFECTIVE HERPES SIMPLEX VIRUSES	38,586
CA19378-01	REGELSON, WILLIAM	COMPARATIVE USE OF SUPPORTIVE DRUGS IN CANCER PATIENTS	58,568
INSTITUTION TOTAL	3	139,805	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CITY TOTAL	3	139,805	
STATE TOTAL	5	229,617	
WASHINGTON			
BELLINGHAM			
WESTERN WASHINGTON STATE COLLEGE			
HD09813-01	CVETKOVICH, GEORGE T	ADOLESCENT DEVELOPMENT AND CONTRACEPTIVE USE	46,906
INSTITUTION TOTAL	1	46,906	
CITY TOTAL	1	46,906	
ISSAQUAH			
ISSAQUAH GROUP FOR HEALTH AND ENVIRONMENTAL RESEARCH			
CA20781-01	SHEARER, RUTH W	MOLECULAR GENETICS OF TUMORS	67,745
INSTITUTION TOTAL	1	67,745	
CITY TOTAL	1	67,745	
SEATTLE			
FRED HUTCHINSON CANCER RESEARCH CENTER			
CA18764-01	WEISS, NOEL S	EPIDEMIOLOGY OF GYNECOLOGIC CANCER	58,240
INSTITUTION TOTAL	1	58,240	
UNIVERSITY OF WASHINGTON			
AI13149-01	BUCHANAN, THOMAS M	IMMUNOCHEMISTRY & PATHOGENIC ROLE OF GONOCOCCAL PILI	46,943
DE04660-01	DALE, BEVERLY A	KERATOHYALIN IN KERATINIZATION: ORAL MUCOSA AND SKIN	45,390
EY01730-01	FUTTERMAN, SIDNEY	INTERDISCIPLINARY VISION AND OPHTHALMIC RESEARCH CENTER	68,806
HL19419-01	HORBETT, THOMAS A	CELLULAR INTERACTIONS WITH FOREIGN MATERIALS	110,643
HD09397-01	PRESTON, SAMUEL H	CENTER FOR STUDIES IN DEMOGRAPHY AND ECOLOGY	71,125
CA20823-01	ROSSE, CORNELIUS	LYMPHOCYTE PRODUCTION AND TRAFFIC IN THE BONE MARROW	40,000
NS13079-01	TRUMAN, JAMES W	HORMONE ACTION ON THE CENTRAL NERVOUS SYSTEM	36,752
INSTITUTION TOTAL	7	419,659	
CITY TOTAL	8	477,899	
STATE TOTAL	10	592,550	
WEST VIRGINIA			
MORGANTOWN			
WEST VIRGINIA UNIVERSITY			
CA19530-01	WATNE, ALVIN L	CLINICAL CANCER	75,819

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RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	75,819	
CITY TOTAL	1	75,819	
STATE TOTAL	1	75,819	
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
CA19901-01	AUERBACH, ROBERT	TUMOR-INDUCED AND LYMPHOCYTE-INDUCED ANGIOGENESIS	47,918
HL19378-01	BERKOFF, HERBERT A	RELATION OF MITOCHONDRIAL CHANGES TO CARDIAC FAILURE	45,000
AM18640-01	BURKHOLDER, PETER M	IN VITRO CULTURE STUDIES OF RENAL GLOMERULAR DISEASES	27,014
CA19278-01	CALDWELL, WILLIAM L	MULTIDISCIPLINARY PROGRAM IN RADIATION ONCOLOGY	553,239
CA19255-01	DURAND, RALPH E	SIMULATED TUMOR THERAPY WITH AN IN VITRO MODEL	42,400
CA18994-01	KAHAN, BRENDA	DEVELOPMENTAL POTENTIALITIES OF TERATOMA CELLS	59,624
AM19290-01	LINKSWILER, HELLEN M	MECHANISMS OF PROTEIN-INDUCED HYPERCALCIURIA IN MAN	36,742
CA18756-01	RANKIN, JOHN H	REGULATION OF TUMOR BLOOD FLOW	34,686
HL19254-01	RAO, SAMBHORAO T	STRUCTURAL STUDIES ON FRAGMENT 1 OF PROTHROMBIN	13,830
EY01916-01	SPEAR, PETER D	VISUAL INTEGRATION IN THE BRAIN	44,119
CA19236-01	SUGDEN, BILL	NUCLEOCAPSID PROTEINS OF EPSTEIN-BARR VIRUS	47,397
HD10666-01	TAEUBER, KARL E	MIGRATION AND REDISTRIBUTION: SMSA DETERMINANTS	46,027
HL18556-01	WALBERG, WILLIAM	NONINVASIVE MONITORING OF FLUID LOSSES BY PHOTON SCAN	16,090
INSTITUTION TOTAL	13	1,014,086	
CITY TOTAL	13	1,014,086	
MILWAUKEE			
MEDICAL COLLEGE OF WISCONSIN			
AM19145-01	GHAZARIAN, JACOB G	CONTROL OF ENZYMES IN THE VITAMIN D3 ENDOCRINE COMPLEX	37,076
INSTITUTION TOTAL	1	37,076	
CITY TOTAL	1	37,076	
STATE TOTAL	14	1,051,162	
PUERTO RICO			
SAN JUAN			
UNIVERSITY OF PUERTO RICO SYSTEM--UNIVERSITY OF PUERTO RICO MEDICAL SCIENCES CAMPUS			
CA18927-01	PEREZ-SANTIAGO, ENRIQUE	CLINICAL CANCER EDUCATION PROGRAM	168,660
INSTITUTION TOTAL	1	168,660	
CITY TOTAL	1	168,660	
STATE TOTAL	1	168,660	

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
CANADA			
CALGARY			
UNIVERSITY OF CALGARY			
CA19721-01	TAN, YIN-HWEE	HUMAN INTERFERON PRODUCTION FOR ANTITUMOR STUDIES	52,299
INSTITUTION TOTAL	1	52,299	
CITY TOTAL	1	52,299	
GUELPH			
UNIVERSITY OF GUELPH			
AM18758-01	BROWN, R GLENN	TRACE MINERAL METABOLISM IN GENETIC CHONDRODYSPLASIA	39,891
INSTITUTION TOTAL	1	39,891	
CITY TOTAL	1	39,891	
OTTAWA			
NATIONAL RESEARCH COUNCIL OF CANADA			
GM23357-01	SMITH, IAN C	SEVENTH CONFERENCE ON MAGNETIC RESONANCE IN BIOLOGY	5,876
INSTITUTION TOTAL	1	5,876	
CITY TOTAL	1	5,876	
TORONTO			
WELLESLEY HOSPITAL			
NS12900-01	GODFREY, CHARLES M	EFFICACY OF MANIPULATION IN TREATMENT OF LOW BACK PAIN	44,635
INSTITUTION TOTAL	1	44,635	
CITY TOTAL	1	44,635	
VANCOUVER			
UNIVERSITY OF BRITISH COLUMBIA			
GM22753-01	CANDIDO, E PETER	BIOCHEMICAL STUDIES IN DROSOPHILA MELANOGASTER	35,000
INSTITUTION TOTAL	1	35,000	
CITY TOTAL	1	35,000	
STATE TOTAL	5	177,701	
FRANCE			
PARIS			
GROUP FOR THE STUDY AND RESEARCH IN CANCER			
CA19273-01	ISRAEL, LUCIEN I	COOPERATIVE STUDY OF ONCOLOGY	32,415

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NIH
RESEARCH GRANTS *

GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
INSTITUTION TOTAL	1	32,415	
CITY TOTAL	1	32,415	
STATE TOTAL	1	32,415	
ISRAEL			
REHOVOTH			
WEIZMANN INSTITUTE OF SCIENCE			
GM22767-01	YAFFE, DAVID	CONTROL OF DIFFERENTIATION IN ESTABLISHED CELL LINES	40,000
INSTITUTION TOTAL	1	40,000	
CITY TOTAL	1	40,000	
STATE TOTAL	1	40,000	
SWEDEN			
STOCKHOLM			
CAROLINE INSTITUTE			
HL18994-01	PERNOW, BENGT B	SUBSTANCE P: OCCURRENCE, PHARMACOLOGY AND PHYSIOLOGY	25,750
INSTITUTION TOTAL	1	25,750	
CITY TOTAL	1	25,750	
STATE TOTAL	1	25,750	
SWITZERLAND			
BASEL			
UNIVERSITY OF BASEL			
AI13165-01	SHOWE, MICHAEL K	SYNTHESIS AND FUNCTION OF ORGANIZED ELEMENTS IN CELLS	40,039
INSTITUTION TOTAL	1	40,039	
CITY TOTAL	1	40,039	
STATE TOTAL	1	40,039	
UNITED KINGDOM			
CAMBRIDGE			
AGRICULTURAL RESEARCH COUNCIL--INSTITUTE OF ANIMAL PHYSIOLOGY			
AI13162-01	HOWARD, JONATHAN C	GENETICS OF RESPONSE TO HISTOCOMPATIBILITY ANTIGENS	59,947
INSTITUTION TOTAL	1	59,947	
CITY TOTAL	1	59,947	

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GRANT NUMBER	PRINCIPAL INVESTIGATOR	TITLE OF RESEARCH PROPOSAL	DOLLARS AWARDED
UNITED KINGDOM			
EDINBURGH			
UNIVERSITY OF EDINBURGH			
AI12899-01	WILLETTS, NEIL S	GENETIC ANALYSIS OF PSEUDOMONAS R FACTORS	14,763
INSTITUTION TOTAL	1	14,763	
CITY TOTAL	1	14,763	
STATE TOTAL	2	74,710	
TOTAL	551	31,216,027	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA IN BIRMINGHAM			
AI62508-00	CURTISS, ROY, III	CONSTRUCT SAFER E COLI HOSTS FOR PHAGE & PLASMID VECTORS	217,842
CM67083-00	LINDSEY, J RUSSELL	OPERATION OF A PATHOLOGICAL MONITORING SERVICES CENTER	111,813
HV62922-00	RUSSELL, RICHARD O	COLLABORATIVE STUDIES IN CORONARY ARTERY SURGERY	144,949
DE62491-00	SHIOTA, TED	CARIOGENIC STREPTOCOCCI MUTANTS/DENTAL CARIES PREVENTION	132,216
INSTITUTION TOTAL	4	606,820	
CITY TOTAL	4	606,820	
STATE TOTAL	4	606,820	
ARIZONA			
PHOENIX			
ARIZONA STATE DEPARTMENT OF HEALTH SERVICES			
CN65283-00	DANDOY, SUZANNE	CERVICAL CANCER SCREENING PROGRAM IMPLEMENTATION	262,822
INSTITUTION TOTAL	1	262,822	
CITY TOTAL	1	262,822	
TEMPE			
ARIZONA STATE UNIVERSITY			
CM67048-00	PETTIT, GEORGE R	ISOLATION OF ANTINEOPLASTIC AGENTS--MARINE LIFE	117,712
INSTITUTION TOTAL	1	117,712	
CITY TOTAL	1	117,712	
TUCSON			
UNIVERSITY OF ARIZONA			
CB63981-00	GROSS, JOSEPH F	MICROCIRCULATION/MOLECULAR TRANSPORT IN MAMMARY CANCER	100,900
HR62919-00	SCULLY, MARIAN O	NONINVASIVE ASSESSMENT OF PULMONARY HYPERTENSION	99,230
CB64012-00	WOOLFENDEN, J M	DEVELOP AND EVALUATE RADIOISOTOPIC SURFACE MARKERS	315,077
INSTITUTION TOTAL	3	515,207	
CITY TOTAL	3	515,207	
STATE TOTAL	5	895,741	
ARKANSAS			
LITTLE ROCK			
UNIVERSITY OF ARKANSAS MEDICAL SCIENCES CAMPUS			
HV62906-00	MORRIS, MANFORD D	NONHUMAN PRIMATE MODELS--ATHEROSCLEROSIS & HYPERTENSION	380,710

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	380,710	
CITY TOTAL	1	380,710	
STATE TOTAL	1	380,710	
CALIFORNIA			
BERKELEY			
ANDROS, INC.			
GM52124-00	MC CLACTCHIE, EDWARD A	DEVELOP A CARBON DIOXIDE ANALYZER	149,486
INSTITUTION TOTAL	1	149,486	
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
HD62835-00	MARGEN, SHELDON	EFFECTS OF CONTRACEPTIVE STEROIDS ON TRACE ELEMENTS	39,428
CB63998-00	PAFFENBARGER, RALPH S, JR	EPIDEMIOLOGY OF PRE- AND POST-MENOPAUSAL BREAST CANCER	83,400
INSTITUTION TOTAL	2	122,828	
CITY TOTAL	3	272,314	
DAVIS			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT DAVIS			
EY62142-00	REYMAN, GHOLAM A	EVALUATE EARLY VITRECTOMY IN DIABETIC RETINOPATHY	57,981
INSTITUTION TOTAL	1	57,981	
CITY TOTAL	1	57,981	
IRVINE			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE			
AG62134-00	PFEFFER, ROBERT I	ESTROGEN USAGE BY POSTMENOPAUSAL WOMEN & HYPERTENSION	162,612
INSTITUTION TOTAL	1	162,612	
CITY TOTAL	1	162,612	
LA JOLLA			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
NS62336-00	KOHNE, DAVID E	VIRUS DETECTION IN NERVOUS SYSTEM DISEASE TISSUE	151,660
GM42155-00	ORLOFF, MARSHALL J	EVALUATION OF SURGICAL RESEARCH	46,249
HR62946-00	TIMMS, R M	NOCTURNAL OXYGEN THERAPY EFFICACY/CHRONIC HYPOXIC LUNGS	16,230
INSTITUTION TOTAL	3	214,139	
CITY TOTAL	3	214,139	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA				
LOS ANGELES				
CHILDREN'S HOSPITAL OF LOS ANGELES				
HB62958-00	DUKES, PETER P		SOURCE OF HUMAN URINARY ERTHROPOIETIN	104,226
CP65828-00	HAYES, DANIEL M		OPTIMAL NUTRITIONAL SUPPORT AS ADJUNCT TO CANCER THERAPY	153,719
INSTITUTION TOTAL	2	257,945		
UMF SYSTEMS				
LM64726-00	NOT APPLICABLE		PRESERVATION MICROFILMING OF SELECTED BIOMEDICAL SERIALS	50,000
INSTITUTION TOTAL	1	50,000		
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES				
HD52807-00	BECKMAN, LINDA J		DECISION MAKING AND FERTILITY REGULATION	125,209
AI62510-00	CHERRY, JAMES D		INFLUENZA STUDIES: VACCINE TRIALS, VIROLOGIC CLINICAL	112,939
AM62212-00	GONICK, HARVEY C		STUDY TRACE ELEMENT ABNORMALITIES IN CHRONIC UREMIA	53,884
CM67097-00	RANGEL, DECIO D		THERAPY OF PATIENTS WITH LARGE BOWEL CARCINOMA	104,543
AI62505-00	RAY, DAN		CONSTRUCT M13 PHAGE CLONING VECTOR FOR E. COLI HOSTS	32,807
AI62507-00	WILCOX, GARY L		CONSTRUCT M13 PHAGE CLONING VECTOR FOR E. COLI HOSTS	30,747
CB64006-00	ZIGHELBOIM, JACOB		SPECIFIC IMMUNOTHERAPY IN ACUTE MYELOGENOUS LEUKEMIA	87,782
INSTITUTION TOTAL	7	547,911		
UNIVERSITY OF SOUTHERN CALIFORNIA				
HR62947-00	BOYLEN, THOMAS C		NOCTURNAL OXYGEN THERAPY EFFICACY/CHRONIC HYPOXIC LUNGS	16,290
CM67084-00	HEIDELBERGER, CHARLES		COMPOUNDS SYNTHESIZED TO BIND DNA & TO CERTAIN ENZYMES	155,069
HV52934-00	MARMORSTON, JESSIE		ASPIRIN-MYOCARDIAL INFARCTION STUDY	55,931
INSTITUTION TOTAL	3	227,290		
WHITTAKER CORPORATION				
NS62338-00	CASTELLO, GABRIEL		DEVELOP ANTIGENS, ANTISERA & VIRAL REAGENTS	189,750
INSTITUTION TOTAL	1	189,750		
CITY TOTAL	14	1,272,896		
MENLO PARK				
STANFORD RESEARCH INSTITUTE				
CB64053-00	PINCUS, JACK H		MODIFIED TUMOR CELL MEMBRANE AS IMMUNOTHERAPEUTIC AGENT	62,710
CP65817-00	REIST, ELMER		PREPARATION OF 10 COMPOUNDS	38,577
HD62853-00	TANABE, MASATO		SYNTHETIC STEROID CONTRACEPTIVE AGENTS	129,531
HD32743-00	TANABE, MASATO		SYNTHESIS OF STEROIDS AS ANTIFERTILITY AGENTS	55,543
ES22085-00	TSUBOI, KENNETH K		ALTERATION OF BLOOD-BRAIN BARRIER BY TOXICANTS	131,569
INSTITUTION TOTAL	5	417,930		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	5	417,930		
CALIFORNIA				
OAKLAND				
KAISER FOUNDATION HOSPITALS--KAISER FOUNDATION RESEARCH INSTITUTE				
CP61057-00	GLASS, ANDREW G		STUDY CHANGE IN BREAST CANCER RISK AMONG ESTROGEN USERS	56,731
HV52944-00	KODLIN, DANKWARD		A CASE CONTROL STUDY ON RESERPINE AND BREAST CANCER	51,565
INSTITUTION TOTAL	2	108,296		
CITY TOTAL	2	108,296		
PALO ALTO				
CHILDREN'S HOSPITAL AT STANFORD				
CP65835-00	DUTCHER, JOY N		ANOREXIA IN ADULT AND PEDIATRIC CANCER PATIENTS	179,691
INSTITUTION TOTAL	1	179,691		
CITY TOTAL	1	179,691		
PASADENA				
PASADENA FOUNDATION FOR MEDICAL RESEARCH				
LM64724-00	OPEL, WILLIAM		SELF-INSTRUCTIONAL UNITS IN CELL BIOLOGY	115,192
INSTITUTION TOTAL	1	115,192		
CITY TOTAL	1	115,192		
SAN DIEGO				
INTEGRATED SOFTWARE SYSTEMS COPPORATION				
LM64734-00	TO BE APPOINTED		INTERACTIVE GRAPHICS PACKAGE (DISSPLA)--NLM	28,050
INSTITUTION TOTAL	1	28,050		
CITY TOTAL	1	28,050		
SAN FRANCISCO				
R. K. DAVIES MEDICAL CENTER-FRANKLIN HOSPITAL				
AM42202-00	GOTCH, FRANK A		EVALUATION OF HOLLOW-FIBER DIALYZERS	110,000
AM32206-00	GOTCH, FRANK A		STUDY OF PERMEABILITY OF HIGH-FLUX DIALYSIS MEMBRANES	52,200
INSTITUTION TOTAL	2	162,200		
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO				
EY62139-00	IRVINE, ALEXANDER R		EVALUATE EARLY VITRECTOMY IN DIABETIC RETINOPATHY	59,319

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CALIFORNIA			
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
EY62147-00	LAVAIL, MATTHEW M	HEREDITARY DEGENERATIVE DISEASE OF THE RETINA	55,482
CB64004-00	WARA, WILLIAM M	IMMUNO-STIMULANTS IN LOCALIZED RADIATION THERAPY	84,139
INSTITUTION TOTAL	3	198,940	
UNIVERSITY OF THE PACIFIC			
EY62148-00	GIBSON, HAROLD R	MAINTAIN A VISUAL SCIENCE INFORMATION CENTER	74,444
INSTITUTION TOTAL	1	74,444	
CITY TOTAL	6	435,584	
SANTA MONICA			
RAND CORPORATION			
HO32965-00	ACTON, JAN P	EVALUATION OF SOCIAL IMPACT OF NHLI PROGRAMS	63,210
OD52127-00	CARTER, GRACE	NIH POLICIES FOR THE SUPPORT OF EXTRAMURAL RESEARCH	319,429
INSTITUTION TOTAL	2	382,639	
CITY TOTAL	2	382,639	
STANFORD			
STANFORD UNIVERSITY			
CP65825-00	DONALDSON, SARAH S	OPTIMAL NUTRITIONAL SUPPORT AS ADJUNCT TO CANCER THERAPY	207,503
NS52306-00	WHITE, ROBERT L	TRANSDERMAL ELECTRONICS FOR AUDITORY PROSTHESIS	80,283
INSTITUTION TOTAL	2	287,786	
CITY TOTAL	2	287,786	
SUNNYVALE			
RASOR ASSOCIATES			
HP62917-00	RASOR, N S	NONINVASIVE ASSESSMENT OF PULMONARY HYPERTENSION	95,500
INSTITUTION TOTAL	1	95,500	
CITY TOTAL	1	95,500	
TORRANCE			
LOS ANGELES COUNTY HEALTH SERVICES DEPARTMENT--LOS ANGELES COUNTY HARBOR GENERAL HOSPITAL			
HD62839-00	BROEN, ELMER M	INVESTIGATION OF POSTCOITAL CONTRACEPTIVE AGENTS	51,758
HB22906-00	FIALA, MILAN	DEVELOPMENT OF SCREENING TEST FOR CYTOMEGALOVIRUS	53,000
INSTITUTION TOTAL	2	104,758	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	2	104,758		
STATE TOTAL	45	4,135,368		
COLORADO				
BOULDER				
UNIVERSITY OF COLORADO				
HD62855-00	WATT, DAVID S		SYNTHESIS OF CONTRACEPTIVE AGENTS	40,506
INSTITUTION TOTAL	1	40,506		
CITY TOTAL	1	40,506		
DENVER				
NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER				
CP65746-C0	GOREN, MAYER B		PROCURE SULFOLIPIDS FROM MYCOBACTERIUM TUBERCULOSIS	48,047
INSTITUTION TOTAL	1	48,047		
UNIVERSITY OF COLORADO MEDICAL CENTER				
HD22727-00	BECK, PAUL		STUDY OF METABOLITES OF ACETOXYPROGESTERONE	62,660
AM22210-00	KERN, FRED, JR		NATIONAL COOPERATIVE STUDY OF CROHN'S DISEASE	660,000
HR62942-00	PETTY, THOMAS L		NOCTURNAL OXYGEN THERAPY IN CHRONIC HYPOXIC LUNG DISEASE	15,590
HR62920-00	REEVES, JOHN T		NONINVASIVE ASSESSMENT OF PULMONARY HYPERTENSION	114,105
HD62851-00	STEWART, JOHN M		SPECIFIC IMMUNIZATION AGAINST FSH AS MALE CONTRACEPTION	40,671
HD62843-00	STEWART, JOHN M		PEPTIDE ANTAGONISTS OF LH-RH AS OVULATION INHIBITORS	49,729
INSTITUTION TOTAL	6	942,755		
CITY TOTAL	7	990,802		
STATE TOTAL	8	1,031,308		
CONNECTICUT				
FARMINGTON				
UNIVERSITY OF CONNECTICUT HEALTH CENTER				
DE52449-00	DOHERTY, NEVILLE		COST EFFECTIVENESS OF VARIOUS CARIES PREVENTIVE AGENTS	123,050
CB63980-00	MUNDY, G R		OSTREOTROPISM OF MAMMARY CARCINOMA METASTASIS	127,000
INSTITUTION TOTAL	2	250,050		
CITY TOTAL	2	250,050		
NEW HAVEN				
YALE UNIVERSITY				
CM67068-00	BERTINO, JOSEPH		SELECTION & DEVELOPMENT OF PROMISING FOLATE ANTAGONISTS	45,396

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
HV62925-00	COHEN, LAWRENCE S	COLLABORATIVE STUDIES IN CORONARY ARTERY SURGERY	95,527
INSTITUTION TOTAL	2	140,923	
CITY TOTAL	2	140,923	
STATE TOTAL	4	390,973	
DIST OF COL			
WASHINGTON			
AMERICAN INSTITUTES FOR RESEARCH			
HD62831-00	CARD, JOSEFINA J	ANALYSIS OF CONSEQUENCES OF ADOLESCENT CHILDBEARING	56,532
HR62932-00	SHANNER, WILLIAM	CONTINUING EDUCATION IN PULMONARY MEDICINE	169,465
CP65793-00	WRAY, JOE	EVALUATE HEALTH PARAMETERS IN RELATION TO DIET	48,588
INSTITUTION TOTAL	3	274,585	
AMERICAN NATIONAL RED CROSS			
HB62928-00	FRIEDMAN, LEONARD I	CONTINUOUS FLOW PLASMAPHERESIS SYSTEM	208,190
INSTITUTION TOTAL	1	208,190	
ASSOCIATION OF AMERICAN MEDICAL COLLEGES			
OD62149-00	MORGAN, THOMAS E	FACTORS IN DEVELOPMENT OF MEDICAL FACULTY MEMBERS	63,814
INSTITUTION TOTAL	1	63,814	
BOOZ, ALLEN AND HAMILTON			
HB32944-00	COOK, DONALD M	STUDY OF THE BLOOD-BANK SYSTEM	419,190
INSTITUTION TOTAL	1	419,190	
COURTESY ASSOCIATES			
CP65823-00	NOT APPLICABLE	RETINOID PLANNING WORKSHOP	1,000
CP65806-00	NOT APPLICABLE	COURSE PREVIEW WORKSHOP	1,500
CP65782-00	TO BE ASSIGNED	PROGRAM REVIEW MEETING	12,330
INSTITUTION TOTAL	3	14,830	
GEORGETOWN UNIVERSITY			
CB64030-00	DELGADO, GREGORIO	VAGINAL CERVICAL CELL SAMPLES FOR CYTOLOGY AUTOMATION	42,000
CP65836-00	HENKIN, ROBERT I	ANOREXIA IN ADULT AND PEDIATRIC CANCER PATIENT	199,586

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
DIST OF COL			
WASHINGTON			
GEORGETOWN UNIVERSITY			
GM62131-00	RUBIN, MARTIN	DEVELOP LABORATORY SAMPLE IDENTIFICATION SYSTEM	182,739
CM67094-00	SCHEIN, PHILIP S	THERAPY OF PATIENTS WITH LARGE BOWEL CARCINOMA	87,322
CM67110-00	SCHEIN, PHILIP S	GASTROINTESTINAL CANCER RESEARCH PROGRAM	199,501
INSTITUTION TOTAL	5	711,148	
HOWARD UNIVERSITY			
HD62861-00	AHLUWALIA, PALWANT S	CASE STUDY OF HYPERTENSIVE ORAL CONTRACEPTIVE USERS	27,400
INSTITUTION TOTAL	1	27,400	
NATIONAL ACADEMY OF SCIENCES			
AM32211-00	FORCE, ELIZABETH E	EVALUATION OF EFFECT OF NATIONAL PITUITARY AGENCY	75,200
CP65805-00	GROGAN, EARL	HISTOLOGICAL CLASSIFICATION OF LABORATORY ANIMAL TUMORS	40,000
ES62128-00	MARTIN, MARGARET	PANEL TO REVIEW STATISTICS ON SKIN CANCER	26,400
CB64066-00	TRUMBULL, CHARLES	US--USSR SYMPOSIA ON MEMBRANE BIOLOGY OF PROTEINS	92,000
PS52125-00	YAGER, ROBERT H	ESTABLISH A COMMITTEE ON VETERINARY MEDICAL SCIENCES	15,000
INSTITUTION TOTAL	5	248,600	
PAN AMERICAN HEALTH ORGANIZATION			
CO65332-00	LITVAK, JORGE	LATIN AMERICAN CANCER RESEARCH INFORMATION PROJECT	139,596
INSTITUTION TOTAL	1	139,130	
TELE SEC			
LM64735-00	BOSMA, PATRICIA	BINDING PREPARATION AND STACK MAINTENANCE	133,130
INSTITUTION TOTAL	1	133,130	
U.S. SMITHSONIAN INSTITUTION			
LM64739-00	TO BE APPOINTED	DEVELOP INFORMATION SYSTEM ON TOXICOLOGY PROGRAMS	76,924
INSTITUTION TOTAL	1	76,924	
URBAN INSTITUTE			
HD62829-00	SAWHILL, ISABEL V	EARLY CHILDBEARING/PARENTAL OUTCOMES--LONGITUDINAL DATA	116,536
INSTITUTION TOTAL	1	116,536	
CITY TOTAL	24	2,433,943	
STATE TOTAL	24	2,433,943	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA			
DE32421-00	STANLEY, HAROLD R	HISTOLOGICAL ACCEPTANCE OF ARTIFICIALLY FABRICATED TEETH	283,800
INSTITUTION TOTAL	1	283,800	
CITY TOTAL	1	283,800	
MIAMI			
UNIVERSITY OF MIAMI			
HR62951-00	BAUER, CHARLES	ANTENATAL STEROID THERAPY EFFICACY IN NEONATAL RDS	24,770
CM67093-00	LESSNER, HOWARD E	THERAPY OF PATIENTS WITH LARGE BOWEL CARCINOMA	121,782
INSTITUTION TOTAL	2	146,552	
CITY TOTAL	2	146,552	
STATE TOTAL	3	430,352	
GEORGIA			
ATLANTA			
EMORY UNIVERSITY			
HR62954-00	DALE, EDWIN	ANTENATAL STEROID THERAPY EFFICACY IN NEONATAL RDS	21,365
CB64061-00	MC LAREN, JOHN R	IMMUNE STIMULANTS IN PATIENTS RECEIVING RADIATION STUDY	200,759
CP61051-00	MURRAY, DOUGLAS R	SUPPLY HUMAN TUMOR SPECIMENS AND RELATED MATERIALS	33,485
INSTITUTION TOTAL	3	255,609	
NATIONAL CYSTIC FIBROSIS RESEARCH FOUNDATION			
AM22214-00	HOLSCLAW, DOUGLAS S	BIBLIOGRAPHY ON CYSTIC FIBROSIS	8,965
INSTITUTION TOTAL	1	8,965	
CITY TOTAL	4	264,574	
AUGUSTA			
UNIVERSITY SYSTEM OF GEORGIA--MEDICAL COLLEGE OF GEORGIA			
NS62340-00	GREEN, JOSEPH B	COMPREHENSIVE EPILEPSY PROGRAM	400,000
INSTITUTION TOTAL	1	400,000	
CITY TOTAL	1	400,000	
STATE TOTAL	5	664,574	

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CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
ILLINOIS				
CHICAGO				
BLUE CROSS ASSOCIATION				
CN65371-00	BERMAN, HOWARD J		DEMONSTRATION FOR REIMBURSEMENT IN CANCER CONTROL	245,726
INSTITUTION TOTAL	1	245,726		
IIT RESEARCH INSTITUTE				
CP65819-00	GRAY, ALLAN P		PREPARATION OF TWO COMPOUNDS	13,488
CP65814-00	GRAY, ALLAN P		PREPARE BUTYL NITROSAMINE AND NITROSOMETHYLUREA	21,524
CP65807-00	GRAY, ALLAN P		PREPARATION OF FIVE (5) COMPOUNDS	62,040
ES62138-00	GRAY, ALLAN P		2, 3, 7, 8 - TETRACHLORODIBENZOFURON-14C RADIOSYNTHESIS	14,695
CO65278-00	KEITH, JAMES N		PRINCIPALS/TECHNIQUES--CHEMICAL CARCINOGEN SAFE HANDLING	85,748
INSTITUTION TOTAL	5	197,495		
MICHAEL REESE HOSPITAL AND MEDICAL CENTER				
HD22726-00	KULKARNI, B D		BABOON METABOLISM OF CONTRACEPTIVE SYNTHETIC ESTROGENS	33,040
INSTITUTION TOTAL	1	33,040		
NORTHWESTERN UNIVERSITY				
CP65779-00	DEWYS, WILLIAM D		ANOREXIA IN ADULT AND PEDIATRIC CANCER PATIENTS	201,958
INSTITUTION TOTAL	1	201,958		
UNIVERSITY OF CHICAGO				
CM67095-00	ENKER, WARREN E		THERAPY OF PATIENTS WITH LARGE BOWEL CARCINOMA	159,417
INSTITUTION TOTAL	1	159,417		
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER				
HD62856-00	WALTER, RODERICH W		SYNTHESIS OF ARGININE VASOTOCIN PEPTIDES	65,859
INSTITUTION TOTAL	1	65,859		
CITY TOTAL	10	903,495		
EVANSTON				
NORTHWESTERN UNIVERSITY				
HR62945-00	CUGELL, DAVID W		NOCTURNAL OXYGEN THERAPY EFFICACY/CHRONIC HYPOXIC LUNGS	16,050
HR62950-00	DEPP, RICHARD		ANTENATAL STEROID THERAPY EFFICACY IN NEONATAL RDS	30,940
INSTITUTION TOTAL	2	46,990		
CITY TOTAL	2	46,990		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
ILLINOIS			
GALESBURG			
KNOX COLLEGE			
ES52126-00	GEER, BILLY W	EFFECTS OF DIET ON MUTAGENIC TREATMENT	44,583
INSTITUTION TOTAL	1	44,583	
CITY TOTAL	1	44,583	
URBANA			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
CB64073-00	BUBAR, R H	IG GAMMA EMITTING RADIOISOTOPE/EXTERNAL TUMOR DETECTION	249,387
INSTITUTION TOTAL	1	249,387	
CITY TOTAL	1	249,387	
STATE TOTAL	14	1,244,455	
INDIANA			
CUMBERLAND			
HARLAN INDUSTRIES			
CP65737-00	HARLAN, HAL P	ESTABLISHMENT OF A RODENT PRODUCTION COLONY	447,410
CM67079-00	HARLAN, HAL P	PRODUCTION OF ATHYMIC NUDE MICE	132,990
AG62136-00	TO BE APPOINTED	BARRIER-REARED AND MAINTAINED, AGED SPRAGUE-DAWLEY RATS	48,245
INSTITUTION TOTAL	3	628,645	
CITY TOTAL	3	628,645	
ELKHART			
MILES LABORATORIES			
ES32113-00	GAVIN, JOHN J	STUDY OF SPECIFIC LOCUS MUTANTS IN NEUROSPORA CRASSA	54,425
INSTITUTION TOTAL	1	54,425	
CITY TOTAL	1	54,425	
INDIANAPOLIS			
INDIANA UNIVERSITY SYSTEM--INDIANA UNIVERSITY AT INDIANAPOLIS			
HD32732-00	ROESKE, ROGER W	SYNTHESIS OF LH-RN ANALOGS	98,462
HD62844-00	ROESKE, ROGER W	PEPTIDE ANTAGONISTS OF LH-RH AS OVULATION INHIBITORS	66,316
INSTITUTION TOTAL	2	164,778	
CITY TOTAL	2	164,778	
STATE TOTAL	6	847,848	

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CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
KANSAS			
KANSAS CITY			
UNIVERSITY OF KANSAS			
CB63985-00	EBNER, KURT	PROLACTIN INTERACTIONS IN MAMMARY GLAND CELLS	84,600
AM62215-00	REISSMANN, KURT R	RESPONSE TO ERYTHROPOIETIN IN CHRONIC UREMIC MICE	74,215
INSTITUTION TOTAL	2	158,815	
CITY TOTAL	2	158,815	
LAWRENCE			
UNIVERSITY OF KANSAS			
HD22703-00	KIESLER, SARA B	STUDY OF SOCIAL NORMS INFLUENCING FAMILY SIZE	83,802
INSTITUTION TOTAL	1	83,802	
CITY TOTAL	1	83,802	
STATE TOTAL	3	242,617	
KENTUCKY			
LEXINGTON			
UNIVERSITY OF KENTUCKY			
CM67038-00	BOLLUM, FREDERICK J	TERMINAL TRANSFERASE LEVELS--ACUTE LYMPHOCYTIC LEUKEMIA	151,438
CB64011-00	GOLDENBURG, DAVID M	SPECIFIC LABELLED IMMUNOGLOBULINS FOR TUMORS DETECTION	191,171
INSTITUTION TOTAL	2	342,609	
CITY TOTAL	2	342,609	
STATE TOTAL	2	342,609	
LOUISIANA			
BATON ROUGE			
GULF SOUTH RESEARCH INSTITUTE			
AM62216-00	KLEIN, ELIAS	REVISE PUBLICATIONS ON EVALUATION OF HEMODIALYZERS	21,513
INSTITUTION TOTAL	1	21,513	
CITY TOTAL	1	21,513	
NEW ORLEANS			
TULANE UNIVERSITY			
DE62490-00	KLAWITTER, JEROME J	HISTOLOGICAL ACCEPTANCE OF ARTIFICIAL TEETH	44,595
HD62841-00	SCHALLY, ANDREW V	TESTING OF ANTAGONISTS OF LH-RH AS OVULATION INHIBITORS	124,615
INSTITUTION TOTAL	2	169,210	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	2	169,210	
STATE TOTAL	3	190,723	
MAINE			
BAR HARBOR			
JACKSON LABORATORY			
HD22740-00	HOPPE, PETER C	STUDY OF FERTILIZATION OF MOUSE EGGS BY EPIDIDYMAL SPERM	58,535
ES42159-00	RODERICK, THOMAS H	DEVELOPMENT OF A NEW MOUSE STRAIN	33,845
ES42156-00	RODERICK, THOMAS H	DEVELOPMENT OF SYSTEM FOR DETECTING LETHAL MUTATIONS	50,000
INSTITUTION TOTAL	3	142,380	
CITY TOTAL	3	142,380	
STATE TOTAL	3	142,380	
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
HR62937-00	BIAS, WILMA B	PREVALENCE OF SPECIFIC HL-A ANTIGENS AND LUNG DISEASES	40,617
HV62924-00	GRIFFITH, LAWRENCE S	COLLABORATIVE STUDIES IN CORONARY ARTERY SURGERY	80,933
HR62934-00	HARDY, JANET B	EVALUATE CONTINUING EDUCATION IN PULMONARY MEDICINE	116,030
CB63927-00	LEMBERG, STANFORD I	TOPICAL CHEMOTHERAPEUTIC AGENTS FOR MYCOSIS FUNGOIDES	93,539
DE62486-00	NIEBYL, JENNIFER	TO SELECT HEREDITARY FACTORS INFLUENCING ORAL CLEFTS	238,560
INSTITUTION TOTAL	5	569,679	
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND AT BALTIMORE			
ES22092-00	HENDERSON, MAUREEN M	STUDY OF EPIDEMIOLOGIC SCHISTOSOMICIDAL DRUGS	4,864
HV62957-00	MEINERT, CURTIS L	DEVELOP COORDINATING CENTER MODEL FOR NHLI CLINICS	156,619
INSTITUTION TOTAL	2	161,483	
CITY TOTAL	7	731,162	
COLLEGE PARK			
UNIVERSITY OF MARYLAND SYSTEM--UNIVERSITY OF MARYLAND COLLEGE PARK CAMPUS			
HD62836-00	PRESSER, HARRIET B	SOCIAL/DEMOGRAPHIC CONSEQUENCES OF TEENAGE CHILDBEARING	101,246
INSTITUTION TOTAL	1	101,246	
CITY TOTAL	1	101,246	

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CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MARYLAND			
COLUMBIA			
W. R. GRACE AND COMPANY--WASHINGTON RESEARCH CENTER			
CM67074-00	NICKELL, LOUIS G	ISOLATION OF NOVEL ANTINEOPLASTIC COMPONENTS	207,628
INSTITUTION TOTAL	1	207,628	
CITY TOTAL	1	207,628	
KENSINGTON			
LITTON INDUSTRIES--LITTON BIONETICS			
RR62151-00	DARROW, CLEMENT C, II	BREEDING COLONY OF RHESUS MONKEYS	155,073
DE32417-00	KINGSBURY, ELIZABETH W	EM LOCALIZATION OF HYDROLYTIC ENZYMES OF THE RAT	59,100
CP61039-00	MANUS, ALLEN G	HOLDING FACILITY FOR SMALL LABORATORY ANIMALS	219,544
CM67067-00	TONDREAU, SUE C	MONITORING OF IMMUNOLOGIC COMPETENCE IN CANCER PATIENTS	249,346
INSTITUTION TOTAL	4	683,063	
CITY TOTAL	4	683,063	
ROCKVILLE			
AMERICAN TYPE CULTURE COLLECTION			
RR42158-00	DONOVICK, RICHARD	COLLECTION OF LIVING REFERENCE STRAINS	366,667
HR62930-00	HAY, ROBERT J	LUNG CELL RESOURCE FACILITY	125,780
CP61047-00	KERN, JEROME	PRESERVE & DEVELOP REFERENCE-GRADE TUMOR VIRUSES	78,150
INSTITUTION TOTAL	3	570,597	
BIOSPHERICS, INC.			
CO65329-00	LEVIN, M K	INFORMATION SERVICES FOR CANCER-RELATED INQUIRIES	751,573
INSTITUTION TOTAL	1	751,573	
BIOTECH RESEARCH LABORATORIES			
CM67052-00	TING, ROBERT C	SCREENING FOR ANTIONCOGENIC VIRUS PROPERTIES	199,796
INSTITUTION TOTAL	1	199,796	
CONTROL DATA CORPORATION			
CM67107-00	JOHNSON, JAMES H	PROCESSING OF CLINICAL PATIENT RESEARCH DATA	50,000
INSTITUTION TOTAL	1	50,000	
TRACOR, INC.--TRACOR JITCO			
LM64738-00	NOT APPLICABLE	CATALOGING BACKLOG AT NLM	35,507
INSTITUTION TOTAL	1	35,507	

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CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MARYLAND			
ROCKVILLE			
WESTAT RESEARCH, INC			
CP61034-00	TOLEDO, ANNE	SUPPORT SERVICES FOR FIELD STUDIES	270,764
INSTITUTION TOTAL 1		270,764	
CITY TOTAL 8		1,878,237	
SILVER SPRING			
APPLIED MANAGEMENT SCIENCES			
LM64729-00	SANDLER, JERRY	DEVELOP BIOMEDICAL COMMUNICATIONS EXPERIMENT USING CTS	39,843
INSTITUTION TOTAL 1		39,843	
CITY TOTAL 1		39,843	
STATE TOTAL 22		3,641,179	
MASSACHUSETTS			
BOSTON			
AFFILIATED HOSPITALS CENTER--ROBERT BRECK BRIGHAM HOSPITAL			
CB64036-00	CHURCHILL, W HALLOWELL	CELLS INVOLVED IN THE IMMUNE RESPONSE TO TUMORS	61,250
CB64057-00	PIESSENS, WILLY F	ACTIVATED MACROPHAGES AS IMMUNOTHERAPEUTIC AGENTS	47,399
INSTITUTION TOTAL 2		108,649	
BOSTON HEALTH AND HOSPITALS DEPARTMENT--BOSTON CITY HOSPITAL			
CB64071-00	SARAVIS, CALVIN A	HUMAN OR ORGAN-ASSOCIATED ANTIGEN DIAGNOSTIC APPLICATION	129,471
INSTITUTION TOTAL 1		129,471	
BOSTON UNIVERSITY			
HD62849-00	SLONE, DENNIS	MYOCARDIAL INFARCTION AND ROLE OF ORAL CONTRACEPTIVES	301,300
INSTITUTION TOTAL 1		301,300	
CHILDREN'S HOSPITAL MEDICAL CENTER			
CP65826-00	FILLER, ROBERT	OPTIMAL NUTRITIONAL SUPPORT AS ADJUNCT TO CANCER THERAPY	105,194
INSTITUTION TOTAL 1		105,194	
HARVARD UNIVERSITY			
CB64001-00	ESSEX, MYRON	IMMUNOTHERAPY IN OUTBRED LYMPHOMA AND LEUKEMIAS	64,183
HB62926-00	GEYER, ROBERT	SYNTHESIS AND SCREENING OF ARTIFICIAL BLOOD SUBSTITUTES	142,684
INSTITUTION TOTAL 2		206,867	

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CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MASSACHUSETTS			
BOSTON			
NEW ENGLAND MEDICAL CENTER HOSPITALS			
CP61046-00	SCHWARTZ, ROBERT S	IMMUNOLOGY OF MURINE LEUKEMIA VIRUS INFECTION	62,488
INSTITUTION TOTAL	1	62,488	
SIDNEY FARBER CANCER INSTITUTE			
CM67037-00	FREI, EMIL, III	STUDIES IN PATIENTS WITH DISSEMINATED SOLID TUMORS	373,153
INSTITUTION TOTAL	1	373,153	
TUFTS UNIVERSITY			
CP61058-00	GOTTLIEB, MARISE S	EPIDEMIOLOGIC STUDIES OF CANCER IN LOUISIANA	126,018
CB64028-00	STOLBACH, LEO L	EARLY DETECTION OF OVARIAN CANCER BY IMMUNODIAGNOSIS	95,566
INSTITUTION TOTAL	2	221,584	
UNIVERSITY HOSPITAL			
HV62923-00	RYAN, THOMAS J	COLLABORATIVE STUDIES IN CORONARY ARTERY SURGERY	124,560
INSTITUTION TOTAL	1	124,560	
CITY TOTAL	12	1,633,266	
CAMBRIDGE			
ARTHUR D. LITTLE, INC.			
HD62847-00	YESAIR, DAVID W	IMPROVING EFFICACY--ORALLY ADMINISTERED NATURAL STEROIDS	217,978
INSTITUTION TOTAL	1	217,978	
BOLT BERANEK AND NEWMAN			
CB64010-00	SWETS, JOHN A	EVALUATE IMAGING TECHNIQUES IN CANCER DIAGNOSIS	263,853
INSTITUTION TOTAL	1	263,853	
DYNATECH CORPORATION			
HD32736-00	WISE, DONALD L	DEVELOPMENT OF AN IMPLANTABLE CONTRACEPTIVE	245,972
INSTITUTION TOTAL	1	245,972	
HARVARD UNIVERSITY			
CB64035-00	CERNY, JAN	CELLS INVOLVED IN THE IMMUNE RESPONSE TO TUMORS	67,000
INSTITUTION TOTAL	1	67,000	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
MASSACHUSETTS			
CAMBRIDGE			
JOHN C. SHEEHAN INSTITUTE FOR RESEARCH			
HD32733-00	RAZDAN, RAJK	STUDY OF STEROIDS AS ANTIFERTILITY AGENTS	27,072
INSTITUTION TOTAL	1	27,072	
CITY TOTAL	5	821,875	
WALTHAM			
BRANDEIS UNIVERSITY			
CB64034-00	STOUT, ROBERT	CELLS INVOLVED IN THE IMMUNE RESPONSE	31,161
INSTITUTION TOTAL	1	31,161	
CITY TOTAL	1	31,161	
WILMINGTON			
CHARLES RIVER BREEDING LABORATORIES			
AG62135-00	TO BE APPOINTED	INBRED STRAINS AND SELECTED HYBRID CROSSES IN RATS	93,265
INSTITUTION TOTAL	1	93,265	
KOCH INDUSTRIES--ABCOR, INC.			
HD32738-00	NUWAYSER, ELIE S	STUDY OF DELIVERY OF DRUGS TO THE CERVIX	254,856
DE62493-00	WILLIAMS, DAVID L	ENZYMATIC PREVENTION OF DENTAL PLAQUE FORMATION	105,046
INSTITUTION TOTAL	2	359,902	
CITY TOTAL	3	453,167	
WORCESTER			
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL			
CB64072-00	HUMPHREYS, ROBERT E	DIAGNOSIS OF HUMAN LEUKEMIAS	77,330
INSTITUTION TOTAL	1	77,330	
CITY TOTAL	1	77,330	
STATE TOTAL	22	3,016,799	
MICHIGAN			
ANN ARBOR			
UNIVERSITY OF MICHIGAN			
HD32740-00	HIGUCHI, WILLIAM I	SYSTEMS APPROACH TO VAGINAL CONTRACEPTIVE DRUGS	126,361

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MICHIGAN				
ANN ARBOR				
UNIVERSITY OF MICHIGAN				
HR62931-00	HISS, ROLAND		CONTINUING EDUCATION IN PULMONARY MEDICINE	180,250
INSTITUTION TOTAL	2	306,611		
CITY TOTAL	2	306,611		
DETROIT				
HENRY FORD HOSPITAL				
HR62944-00	COATES, E O, JR		NOCTURNAL OXYGEN THERAPY EFFICACY/CHRONIC HYPOXIC LUNGS	43,315
INSTITUTION TOTAL	1	43,315		
MICHIGAN CANCER FOUNDATION				
CN65252-00	BRENNAN, MICHAEL J		A COMMUNITY BASED CANCER CONTROL PROGRAM	1,516,200
INSTITUTION TOTAL	1	1,516,200		
WAYNE STATE UNIVERSITY				
CM67105-00	BAKER, LAWRENCE H		STUDIES IN PATIENTS WITH DISSEMINATED SOLID TUMORS	325,892
EY62143-00	MARGHERIO, R R		EVALUATE EARLY VITRECTOMY IN DIABETIC RETINOPATHY	46,006
INSTITUTION TOTAL	2	371,898		
CITY TOTAL	4	1,931,413		
STATE TOTAL	6	2,238,024		
MINNESOTA				
MINNEAPOLIS				
UNIVERSITY OF MINNESOTA				
HR62938-00	BLUMENTHAL, MALCOM N		PREVALENCE OF SPECIFIC HL-A ANTIGENS AND LUNG DISEASES	84,000
CP61055-00	FARAS, ANTHONY J		RNA TUMOR VIRUS GENE EXPRESSION IN MAMMALIAN CELLS	62,999
HV62941-00	GRAMBSCH, P VICTOR		NUTRITION CODING CENTER FOR MRFIT AND LRC PROGRAMS	376,600
DE22407-00	LILJEMARK, WILLIAM F		AGENTS AFFECTING ADHERENCE OF CARIOGENIC MICROORGANISMS	38,164
CB64002-00	VOSIKA, GERALD J		STUDY OF MYCOBACTERIUM PHLEI IN CANCER	73,891
INSTITUTION TOTAL	5	635,654		
CITY TOTAL	5	635,654		
ROCHESTER				
MAYO FOUNDATION				
CB64047-00	GISVOLD, J J		EVALUATION OF COMPUTERIZED TOMOGRAPHIC MAMMOGRAPHY	134,700

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CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
MINNESOTA				
ROCHESTER				
MAYO FOUNDATION				
CB64041-00	GREENLEAF, JAMES F		BREAST DIAGNOSIS: QUANTITATIVE IMAGING BY ULTRASOUND	185,500
INSTITUTION TOTAL	2	320,200		
CITY TOTAL	2	320,200		
STATE TOTAL	7	955,854		
MISSOURI				
COLUMBIA				
UNIVERSITY OF MISSOURI SYSTEM--UNIVERSITY OF MISSOURI AT COLUMBIA				
HV62961-00	LICHTE, FREDERICK E		ANALYSIS OF TRACE ELEMENTS IN HUMAN TISSUES	72,517
INSTITUTION TOTAL	1	72,517		
CITY TOTAL	1	72,517		
KANSAS CITY				
MIDWEST RESEARCH INSTITUTE				
CP65821-00	ENGEL, JAMES		PREPARATION OF TWO COMPOUNDS	12,631
CP65787-00	FOTOPOULOS, S S		BEHAVIOR MODIFICATION TECHNIQUES & ANOREXIA TREATMENT	135,950
CO65331-00	MEINERS, A F		PREPARATION OF CARCINOGEN SAFETY MONOGRAPHS	150,155
INSTITUTION TOTAL	3	298,736		
CITY TOTAL	3	298,736		
SAINT LOUIS				
ST. LOUIS UNIVERSITY				
HV62960-00	MUELLER, GILTRUD		CLINICAL INVESTIGATIONS--TECHNIQUES TO PROTECT ISCHEMIA	641,279
INSTITUTION TOTAL	1	641,279		
CITY TOTAL	1	641,279		
STATE TOTAL	5	1,012,532		
NEW HAMPSHIRE				
HANOVER				
DARTMOUTH COLLEGE				
LM44704-00	TO BE APPOINTED		SUPPORT FOR OPERATION OF MICROWAVE TELEVISION NETWORK	199,886
INSTITUTION TOTAL	1	199,886		
CITY TOTAL	1	199,886		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
STATE TOTAL	1	199,886	
NEW JERSEY			
BOUND BROOK			
UNION CARBIDE CORPORATION--BOUND BROOK TECHNICAL CENTER			
HV32950-00	KWIATKOWSKI, GEORGE T	BLOOD COMPATIBLE POLY-ELECTROLYTES	49,918
INSTITUTION TOTAL	1	49,918	
CITY TOTAL	1	49,918	
CAMDEN			
INSTITUTE FOR MEDICAL RESEARCH			
GM32112-00	CORIELL, LEWIS L	OPERATION OF HUMAN GENETIC MUTANT-CELL REPOSITORY	293,039
ES32114-00	NICHOLS, WARREN W	INDUCED SOMATIC MUTATIONS	49,069
INSTITUTION TOTAL	2	342,108	
CITY TOTAL	2	342,108	
CHERRY HILL			
COMPUTER HORIZONS			
OD32109-00	NARIN, FRANCIS	LINKAGE BETWEEN RESEARCH PUBLICATIONS AND NIH FUNDING	118,200
INSTITUTION TOTAL	1	118,200	
ELKINS-SINN			
CM67103-00	REESE, DAVIS	PRODUCE PARENTERAL DOSE FORMS FOR CLINICAL USE	134,732
INSTITUTION TOTAL	1	134,732	
CITY TOTAL	2	252,932	
MAYWOOD			
PFIZER, INC.			
CP61054-00	AHMED, MUMTAZ	VIRAL INVOLVEMENT IN MAMMARY CARCINOMA	150,000
INSTITUTION TOTAL	1	150,000	
CITY TOTAL	1	150,000	
NEW BRUNSWICK			
RUTGERS UNIVERSITY			
HD22757-00	LEATHEM, JAMES H	HORMONAL CONTROL OF THE EPIDIDYMIS	59,235
INSTITUTION TOTAL	1	59,235	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	59,235		
NEW JERSEY				
PRINCETON				
EXCERPTA MEDICA FOUNDATION				
GM42157-00	VINKEN, PIERRE J		ABSTRACTS ON HUMAN GENETICS	15,252
INSTITUTION TOTAL	1	15,252		
PRINCETON UNIVERSITY				
HD62858-00	MENKEN, JANE A		SEQUELAE TO TEENAGE PREGNANCY	74,891
HD52819-00	WESTOFF, CHARLES F		LONGITUDINAL STUDY OF FERTILITY	589,950
INSTITUTION TOTAL	2	664,841		
CITY TOTAL	3	680,093		
STATE TOTAL	10	1,534,286		
NEW MEXICO				
ALBUQUERQUE				
UNIVERSITY OF NEW MEXICO				
CN65173-00	KLIGERMAN, MORTON M		A COMMUNITY BASED CANCER CONTROL PROGRAM	725,000
HP62933-00	LAND, FRANCIS		CONTINUING EDUCATION DEVELOPMENT AND EVALUATION	37,190
INSTITUTION TOTAL	2	762,190		
CITY TOTAL	2	762,190		
STATE TOTAL	2	762,190		
NEW YORK				
ALBANY				
UNION COLLEGE AND UNIVERSITY SYSTEM--ALBANY MEDICAL COLLEGE				
RS32108-00	BARRON, CHARLES N		PROVISION OF TIMED PREGNANT MACACA MULATTA	8,834
HV62921-00	MC KNEALLY, MARTIN F		COLLABORATIVE STUDIES IN CORONARY ARTERY SURGERY	118,252
INSTITUTION TOTAL	2	127,086		
CITY TOTAL	2	127,086		
BUFFALO				
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE				
CB64013-00	BHATTACHARYA, MALAYA		EARLY DETECTION OF OVARIAN CANCER--IMMUNODIAGNOSTIC	50,257

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
NEW YORK				
BUFFALO				
NEW YORK STATE DEPARTMENT OF HEALTH--ROSWELL PARK MEMORIAL INSTITUTE				
CB64007-00	TAKITA, HIROSHI		IMMUNOTHERAPY OF LUNG SQUAMOUS CELL CARCINOMA	148,188
INSTITUTION TOTAL	2	198,445		
STATE UNIVERSITY OF NEW YORK AT BUFFALO				
HD62848-00	BATES, THEODORE R		IMPROVING EFFICACY--ORALLY ADMINISTERED NATURAL STEROIDS	70,820
CP65834-00	COSTA, GIOVANNI		ANOREXIA IN ADULT AND PEDIATRIC CANCER PATIENTS	218,236
INSTITUTION TOTAL	2	289,056		
CITY TOTAL	4	487,501		
NEW YORK				
AMERICAN HEALTH FOUNDATION				
ES62130-00	WILLIAMS, G M		SPECIES-TO-SPECIES CARCINOGENESIS EXTRAPOLATION	80,313
CP65818-00	WYNDER, E L		CORRELATION OF EPIDEMIOLOGIC AND METABOLIC PARAMETERS	156,263
INSTITUTION TOTAL	2	236,576		
CAROLYN HORTON AND ASSOCIATES				
LM54711-00	NOT APPLICABLE		REPAIR, RESTORATION AND CUSTOM REBINDING OF RARE BOOKS	8,000
INSTITUTION TOTAL	1	8,000		
CATHOLIC MEDICAL CENTER OF BROOKLYN AND QUEENS--SCHOOL OF NURSING				
CM67081-00	MARTIN, DANIEL S		SCREENING AGAINST SPONTANEOUS MURINE MAMMARY TUMORS	560,132
INSTITUTION TOTAL	1	560,132		
CENTER FOR POLICY RESEARCH				
HD22754-00	KELLEY, JONATHAN L		A STUDY OF FAMILY, CAREER, AND FERTILITY	41,946
INSTITUTION TOTAL	1	41,946		
CITY UNIVERSITY OF NEW YORK--MOUNT SINAI SCHOOL OF MEDICINE				
CM67096-00	AUFSES, ARTHUR H, JR		THERAPY OF PATIENTS WITH LARGE BOWEL CARCINOMA	143,914
INSTITUTION TOTAL	1	143,914		
COLUMBIA UNIVERSITY				
CB64048-00	LO GERFO, PAUL		THYROIDITIS AS IMMUNOTHERAPY	77,435
CP61008-00	MARKS, PAUL A		REGULATION OF EUKARYOTIC GENE SEQUENCES	62,782
INSTITUTION TOTAL	2	140,217		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
NEW YORK			
NEW YORK			
CORNELL UNIVERSITY MEDICAL CENTER			
HD22734-00	JAVITT, NORMAN B	STUDY OF CONTRACEPTIVE STEROIDS	36,000
EY62140-00	KARLIN, DAVID	EVALUATE EARLY VITRECTOMY IN DIABETIC RETINOPATHY	44,339
INSTITUTION TOTAL	2	80,339	
JAMES MACDONALD COMPANY			
LM54710-00	NOT APPLICABLE	REPAIR, RESTORATION AND CUSTOM REBINDING OF RARE BOOKS	8,000
INSTITUTION TOTAL	1	8,000	
LONG ISLAND JEWISH-HILLSIDE MEDICAL CENTER			
CB64064-00	CORTES, ENGRACIO P	IMMUNOTHERAPY OF SQUAMOUS CELL CARCINOMA OF THE LUNG	96,009
INSTITUTION TOTAL	1	96,009	
MEMORIAL SLOAN-KETTERING CANCER CENTER			
CP65829-00	SHILS, MAURICE E	OPTIMAL NUTRITIONAL SUPPORT AS ADJUNCT TO CANCER THERAPY	73,791
INSTITUTION TOTAL	1	73,791	
NEW YORK ACADEMY OF SCIENCES			
LM64722-00	NOT APPLICABLE	RML SERVICES FOR REGION II	392,448
CP65813-00	NOT APPLICABLE	CONFERENCE ON AQUATIC POLLUTANTS AND BIOLOGICAL EFFECTS	38,000
INSTITUTION TOTAL	2	430,448	
NEW YORK MEDICAL COLLEGE			
HD22752-00	BARTOSIK, DELPHINE B	STUDY OF CHANGES IN THE LUTEOLYTIC PROCESS	63,385
AM62217-00	JAFFE, I A	PENICILLAMINE IN RHEUMATISM COLLABORATIVE CLINICAL TRIAL	206,350
HB62929-00	JOHNSON, ALAN J	REMOVAL OF INFECTIOUS AGENTS OF HEPATITIS FROM BLOOD	60,190
DE32418-00	PULLMAN, IRA	APATITIC CRYSTALS AND MINERAL-PROTEIN COMPLEXES	180,400
INSTITUTION TOTAL	4	510,325	
NEW YORK UNIVERSITY			
CB64043-00	LERMAN, STEPHEN P	IMMUNOTHERAPY IN FIBROSARCOMAS OF CHICKENS	109,930
RR62132-00	MOOR-JANKOWSKI, JAN	NONHUMAN PRIMATE COLONIES FOR NIH RESEARCH PROGRAMS	330,179
INSTITUTION TOTAL	2	440,109	
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
CB64021-00	LLOYD, KENNETH O	TUMOR OR ORGAN-ANTIGENS--DIAGNOSTIC APPLICATION	84,942

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CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
NEW YORK			
NEW YORK			
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
CB64062-00	OETTGEN, HERBERT F	IMMUNOTHERAPY WITH TUMOR PREPARATIONS IN MAN	119,049
CB64051-00	OLD, LLOYD J	THERAPY OF TUMORS IN MICE WITH TUMOR NECROSIS FACTOR	78,634
CP61053-00	SARKAR, NURUL H	VIRAL INVOLVEMENT OF MAMMARY CARCINOMA	150,000
CB64031-00	SHIKU, HIROSHI	CELLS INVOLVED IN THE IMMUNE RESPONSE TO TUMORS	68,940
INSTITUTION TOTAL	5	501,565	
YESHIVA UNIVERSITY			
CP65788-00	ROMNEY, SEYMOUR L	CORRELATION OF EPIDEMIOLOGIC AND METABOLIC PARAMETERS	143,111
INSTITUTION TOTAL	1	143,111	
CITY TOTAL	27	3,414,482	
ROCHESTER			
EASTMAN DENTAL CENTER			
DE62487-00	CURZON, M E	TRACE ELEMENT COMPOSITION OF HUMAN DENTAL ENAMEL	9,536
INSTITUTION TOTAL	1	9,536	
UNIVERSITY OF ROCHESTER			
AM62205-00	BAUM, JOHN	US--USSR COOPERATIVE PROGRAM IN RHEUMATOLOGY	41,182
HR62918-00	GRAMIAK, RAYMOND	NONINVASIVE ASSESSMENT OF PULMONARY HYPERTENSION	112,790
INSTITUTION TOTAL	2	153,972	
CITY TOTAL	3	163,508	
TROY			
RENSSELAER POLYTECHNIC INSTITUTE			
HD32735-00	POTTS, KEVIN T	SYNTHESIS OF NOVEL NITROHETEROCYCLES	32,458
INSTITUTION TOTAL	1	32,458	
CITY TOTAL	1	32,458	
STATE TOTAL	37	4,225,035	
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
HR62916-00	CRAIGE, ERNEST	NONINVASIVE ASSESSMENT OF PULMONARY HYPERTENSION	115,700

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CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
AI32515-00	HILMS, RONALD W	EFFICACY OF TISSUE MATCHING IN RENAL TRANSPLANTS	90,881
HD62859-00	SUCHINDRAN, C M	CONSEQUENCES OF ADOLESCENT PREGNANCY AND CHILDBEARING	61,866
INSTITUTION TOTAL	3	268,447	
CITY TOTAL	3	268,447	
DURHAM			
DUKE UNIVERSITY			
CB63996-00	DEUBER, DAVID C	EPIDEMIOLOGY OF PRE- AND POST-MENOPAUSAL BREAST CANCER	140,950
HB22910-00	LANG, DAVID J	RELATION OF BLOOD TRANSFUSION TO CYTOMEGALOVIRUS	55,400
HR52946-00	PRATT, PHILIP	TEST LUNG TISSUE IN ADULT RESPIRATORY DISTRESS SYNDROME	116,920
CB63994-00	WELLS, SAMUEL A	SCREENING RELATIVES OF PATIENTS WITH MEDULLARY CARCINOMA	101,073
INSTITUTION TOTAL	4	414,343	
CITY TOTAL	4	414,343	
RESEARCH TRIANGLE PARK			
RESEARCH TRIANGLE INSTITUTE			
HD32747-00	HAUSER, FRANK M	SYNTHESIS OF RING A BICYCLOSTEROIDS	26,860
HD32748-00	KEPLER, JOHN A	STUDY OF UTERINE ESTRADIOL-BINDING FACTORS	64,490
ES62127-00	KIMMEL, GARY L	TERATOGENIC POTENTIAL OF ENVIRONMENTAL AGENTS	255,026
HD62854-00	PITT, COLIN G	SYNTHESIZE PROGESTATIONAL AND ANTIPROGESTATIONAL AGENTS	47,500
HR62948-00	POOLE, K W	EVALUATE ANTENATAL STEROID THERAPY IN NEONATAL RDS	44,290
INSTITUTION TOTAL	5	438,166	
CITY TOTAL	5	438,166	
STATE TOTAL	12	1,120,956	
OHIO			
AKRON			
UNIVERSITY OF AKRON			
HD62850-00	WILLIAMS, GREGORY	A STUDY OF SCIENTIFIC MANPOWER FOR POPULATION RESEARCH	42,682
INSTITUTION TOTAL	1	42,682	
CITY TOTAL	1	42,682	
COLUMBUS			
BATTELLE MEMORIAL INSTITUTE			
OD62125-00	LEININGER, R I	CHARACTERIZE RESEARCH RESULTING IN CLINICAL ADVANCES	48,050

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL		1	48,050	
OHIO				
COLUMBUS				
OHIO COLLEGE LIBRARY CENTER				
LM54708-00	NOT APPLICABLE		MAINTAIN TERMINALS; TIME-SHARING COMPUTER SERVICES	22,146
INSTITUTION TOTAL		1	22,146	
CITY TOTAL		2	70,196	
TOLEDO				
MEDICAL COLLEGE OF OHIO AT TOLEDO				
CB63983-00	SOLOFF, MELVYN S		IDENTIFICATION OF MAMMARY TISSUE	130,000
INSTITUTION TOTAL		1	130,000	
CITY TOTAL		1	130,000	
STATE TOTAL		4	242,878	
OKLAHOMA				
NORMAN				
UNIVERSITY OF OKLAHOMA				
CM67108-00	WEINHEIMER, ALFRED J		ISOLATION OF ANTINEOPLASTIC AGENTS FROM ANIMALS/INSECTS	92,427
INSTITUTION TOTAL		1	92,427	
CITY TOTAL		1	92,427	
OKLAHOMA CITY				
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER				
RR52119-00	NUNNERY, ARTHUR		EVALUATION OF A CLINICAL RESEARCH DATA SYSTEM	25,748
INSTITUTION TOTAL		1	25,748	
CITY TOTAL		1	25,748	
STATE TOTAL		2	118,175	
OREGON				
PORTLAND				
GOOD SAMARITAN HOSPITAL AND MEDICAL CENTER				
EY62141-00	CHENOWETH, R G		EVALUATE EARLY VITRECTOMY IN DIABETIC RETINOPATHY	43,728
INSTITUTION TOTAL		1	43,728	

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CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	43,728		
STATE TOTAL	1	43,728		
PENNSYLVANIA				
CHESTER SPRINGS				
COUNCIL FOR THE ADVANCEMENT OF SCIENCE WRITING				
OD52123-00	FRALEY, PIERRE C		SCIENCE WRITERS-IN-RESIDENCE AT RESEARCH INSTITUTIONS	58,270
INSTITUTION TOTAL	1	58,270		
CITY TOTAL	1	58,270		
HERSHEY				
PENNSYLVANIA STATE UNIVERSITY MILTON S. HERSHEY MEDICAL CENTER				
CB64039-00	BARTLETT, GERALD L		IMMUNOGENICITY OF "SPONTANEOUS" ANIMAL TUMORS	57,608
CB63984-00	DAVIDSON, EUGENE A		GLYCOPROTEINS OF MAMMARY CELL SURFACE	124,000
HD42817-00	NAEYE, RICHARD L		ROLE OF ALVEOLAR HYPOVENTILATION IN SUDDEN INFANT DEATH	49,800
HD62845-00	NAEYE, RICHARD L		ANALYSIS OF SOME PROPOSED CAUSES OF SUDDEN INFANT DEATH	76,790
INSTITUTION TOTAL	4	308,198		
CITY TOTAL	4	308,198		
LANCASTER				
ST. JOSEPH HOSPITAL				
HD42816-00	COURSIN, DAVID B		DEVELOPMENT OF EEG RECORDING SYSTEM	90,000
INSTITUTION TOTAL	1	90,000		
CITY TOTAL	1	90,000		
MARCUS HOOK				
SUN OIL COMPANY--SUNTECH, INC.				
HB62927-00	MOORE, ROBERT E		FLUOROCARBON COMPOUNDS AS ARTIFICIAL BLOOD SUBSTITUTES	150,000
INSTITUTION TOTAL	1	150,000		
CITY TOTAL	1	150,000		
PHILADELPHIA				
AMERICAN COLLEGE OF PHYSICIANS				
JT23852-00	NOT APPLICABLE		TWELFTH INTERNATIONAL CONGRESS ON INTERNAL MEDICINE	30,000
INSTITUTION TOTAL	1	30,000		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
CHILDREN'S HOSPITAL OF PHILADELPHIA			
HD32746-00	GOLDMAN, ALLEN S	STUDY OF COMPOUNDS FOR INHIBITION OF SPERMATOGENESIS	23,843
INSTITUTION TOTAL	1	23,843	
COLLEGE OF PHYSICIANS OF PHILADELPHIA			
LM64723-00	NOT APPLICABLE	RML SERVICES FOR REGION III	390,520
INSTITUTION TOTAL	1	390,520	
FRANKLIN INSTITUTE OF THE STATE OF PENNSYLVANIA			
CO65361-00	CAMPBELL, GRAHAM	CANCER INFORMATION DISSEMINATION AND ANALYSIS CENTER	197,924
CP65801-00	CRAIG, PAUL	LITERATURE STUDY FOR DOCTOR LIONEL POIRIER	8,840
CP65800-00	CRAIG, PAUL	INFORMATION SERVICES TO HUMAN TISSUE STUDY SECTION	3,000
CP65812-00	CRAIG, PAUL	INFORMATION SUPPORT TO THE LUNG CANCER PROGRAM	6,802
CP65753-00	CRAIG, PAUL	INFORMATION SERVICES ON SPONTANEOUS RAT TUMORS	2,461
CP65827-00	CRAIG, PAUL	LITERATURE SEARCH OF CARCINOGENIC POTENCY INDEXES	9,329
AM42204-00	KLEINSTEIN, BRUCE H	PREPARATION OF GASTROENTEROLOGY ABSTRACTS AND CITATIONS	90,019
INSTITUTION TOTAL	7	318,375	
INSTITUTE FOR SCIENTIFIC INFORMATION			
CP65772-00	SMALL, HENRY	INFORMATION FOR DIET, NUTRITION AND CANCER PROGRAM	18,870
INSTITUTION TOTAL	1	18,870	
TEMPLE UNIVERSITY			
DE62495-00	POLLACK, ROBERT L	STUDIES OF DENTAL PLAQUE & SALIVA FROM HUMANS	82,665
HD62834-00	TERHUNE, KENNETH W	A STUDY ON FERTILITY VALUES AND FAMILY GROWTH	180,753
CB63995-00	TO BE APPOINTED	VAGINAL-CERVICAL CELL SOURCES FOR CYTOLOGY AUTOMATION	24,000
HD32749-00	WILLIAMS, JOHN R	SYNTHESIS OF ANTIFERTILITY STEROIDS	26,990
INSTITUTION TOTAL	4	314,408	
THOMAS JEFFERSON UNIVERSITY			
CB64065-00	KRAMER, SIMON	IMMUNOTHERAPY OF SQUAMOUS CELL CARCINOMA OF THE LUNG	255,105
INSTITUTION TOTAL	1	255,105	
UNIVERSITY CITY SCIENCE CENTER			
CN65376-00	SCHEINOK, PERRY	DATA MANAGEMENT CENTER FOR DETECTION OF BREAST CANCER	795,894
INSTITUTION TOTAL	1	795,894	

NIH
RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
UNIVERSITY OF PENNSYLVANIA			
CP65791-00	KARE, MORLEY	GUSTATORY (TASTE) EVALUATION OF CANCER PATIENTS	66,319
CB64029-00	TSOU, K C	5'-NUCLEOTIDE PHOSPHODIESTERASE SERUM ISOZYME TEST	94,681
INSTITUTION TOTAL 2		161,000	
WILLS EYE HOSPITAL			
EY62144-00	FEDERMAN, JAY	EVALUATE EARLY VITRECTOMY IN DIABETIC RETINOPATHY	35,651
INSTITUTION TOTAL 1		35,651	
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
CB64069-00	BUCK, CLAYTON	GLYCOPROTEINS OF THE MAMMARY CELL SURFACE	117,500
CB64005-00	PALMER, JON C	MOUSE TUMOR IMMUNOTHERAPY USING IMMUNORESPONSIVE CELLS	98,835
INSTITUTION TOTAL 2		216,335	
CITY TOTAL 22		2,560,001	
PITTSBURGH			
MAGEE-WOMEN'S HOSPITAL			
HD62840-00	ARCHER, DAVID F	EFFICACY OF POSTCOITAL CONTRACEPTIVES	31,396
INSTITUTION TOTAL 1		31,396	
UNIVERSITY OF PITTSBURGH			
CB64044-00	FISHER, BERNARD	IMMUNOTHERAPY OF C3H MURINE MAMMARY CARCINOMAS	58,032
HD62852-00	GRIECO, PAUL A	LUTEOLYTIC AGENTS: C-12 SUBSTITUTED ANALOGS PGF	55,788
HD32737-00	GRIECO, PAUL A	SYNTHESIS OF METHYL PROSTAGLANDINS	72,736
HB22912-00	HO, MONTO	RELATION OF BLOOD TRANSFUSION TO CYTOMEGALOVIRUS	65,000
INSTITUTION TOTAL 4		251,556	
CITY TOTAL 5		282,952	
STATE TOTAL 34		3,449,421	
SOUTH CAROLINA			
CHARLESTON			
MEDICAL UNIVERSITY OF SOUTH CAROLINA			
CP65780-00	ROBSON, JOHN R	HEALTH AND NUTRITION STATUS IN PRIMATIVE POPULATIONS	34,824
INSTITUTION TOTAL 1		34,824	
CITY TOTAL 1		34,824	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
SOUTH CAROLINA			
CLEMSON			
CLEMSON UNIVERSITY			
DE32420-00	KLAWITTER, JEROME J	HISTOLOGICAL ACCEPTANCE OF ARTIFICIALLY FABRICATED TEETH	234,860
INSTITUTION TOTAL	1	234,860	
CITY TOTAL	1	234,860	
COLUMBIA			
UNIVERSITY OF SOUTH CAROLINA			
HD32734-00	CARGILL, ROBERT L	SYNTHESIS OF NOVEL STEROIDS FOR FERTILITY CONTROL	71,963
INSTITUTION TOTAL	1	71,963	
CITY TOTAL	1	71,963	
STATE TOTAL	3	341,647	
TENNESSEE			
MEMPHIS			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES			
HR62953-00	KORONES, SHELDON B	ANTENATAL STEROID THERAPY EFFICACY IN NECNATAL RDS	6,720
HR62939-00	LIEBERMAN, PHILLIP L	PREVALENCE OF SPECIFIC HL-A ANTIGENS AND LUNG DISEASES	61,229
CP65786-00	ROBERTSON, JAMES	HOST & TUMOR DIFFERENTIAL NUTRITIONAL REQUIREMENTS STUDY	250,000
INSTITUTION TOTAL	3	317,949	
CITY TOTAL	3	317,949	
NASHVILLE			
VANDERBILT UNIVERSITY			
CN65373-00	HARTMANN, WILLIAM H	ESTABLISHMENT & OPERATION OF PATHOLOGY QUALITY CONTROL	54,410
HD52820-00	IZARD, CARROLL E	ATTITUDES TOWARDS POPULATION RELATED BEHAVIOR	33,437
INSTITUTION TOTAL	2	87,847	
CITY TOTAL	2	87,847	
STATE TOTAL	5	405,796	
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
HD62846-00	FOLKERS, KARL	PEPTIDE ANTAGONISTS OF LH-RH AS OVULATION INHIBITORS	156,543

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
TEXAS			
AUSTIN			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS AT AUSTIN			
AM62211-00	POPOVICH, ROBERT P	DEVELOPMENT OF LOW DIALYSIS CLEARANCE HYPOTHESIS	66,812
INSTITUTION TOTAL	2	223,355	
CITY TOTAL	2	223,355	
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
LM54705-00	NOT APPLICABLE	REGIONAL MEDICAL LIBRARY PROGRAM	253,817
AG42813-00	TEMPLETON, GORDON H	EFFECT OF AGE ON PROPERTIES OF THE LEFT VENTRICLE	43,134
INSTITUTION TOTAL	2	296,951	
CITY TOTAL	2	296,951	
GALVESTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON			
CB64058-00	PAPERMASTER, BEN W	IMMUNOTHERAPEUTIC STUDIES WITH LYMPHOKINE 178	86,000
INSTITUTION TOTAL	1	86,000	
CITY TOTAL	1	86,000	
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
HD62838-00	LEVINSON, CARL J	ETHINYLESTRADIOL AS POSTCOITAL CONTRACEPTIVE AGENT	67,880
RR52118-00	THOMPSON, H K, JR	DEVELOP AND EVALUATE CLINICAL RESEARCH DATA SYSTEM	65,583
HD62842-00	TINDALL, DONALD J	ISOLATE AND PURIFY RAT ANDROGEN BINDING PROTEIN	47,379
INSTITUTION TOTAL	3	180,842	
METHODIST HOSPITAL			
NS62342-00	KELLAWAY, PETER A	CLINICAL QUANTIFICATIONS & TREATMENT OF INFANTILE SPASMS	60,000
INSTITUTION TOTAL	1	60,000	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
DE62496-00	FRIEDMAN, LAWRENCE	EVALUATE ORAL RINSING WITH A SODIUM MONOFLUOROPHOSPHATE	28,165
INSTITUTION TOTAL	1	28,165	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
HB62959-00	ALEXANIAN, RAYMOND	SOURCE OF HUMAN URINARY ERYTHROPOIETIN	37,717

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
TEXAS			
HOUSTON			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS SYSTEM CANCER CENTER			
CM67026-00	GALLAGHER, H STEPHEN	THERAPY OF PATIENTS WITH OVARIAN CARCINOMA	61,677
CO65345-00	MC KELVEY, EUGENE M	CANCER INFORMATION DISSEMINATION AND ANALYSIS CENTER	194,768
CB64003-00	MURPHY, SAMUEL G	IMMUNOTHERAPY IN THE L2C LEUKEMIA	126,216
CM67116-00	SMITH, JULIAN	THERAPY OF PATIENTS WITH OVARIAN CARCINOMA	467,091
CP65794-00	VAN EYS, JAN	OPTIMAL NUTRITIONAL SUPPORT AS ADJUNCT TO CANCER THERAPY	194,593
INSTITUTION TOTAL	6	1,082,062	
CITY TOTAL	11	1,351,069	
SAN ANTONIO			
SOUTHWEST FOUNDATION FOR RESEARCH AND EDUCATION			
ES42154-00	BOLLINGER, JAMES N	INTERACTION OF SPECIFIC AIR POLLUTANTS WITH LUNG LIPIDS	167,757
CB64055-00	EICHBERG, JORG W	IMMUNOTHERAPY OF HERPES VIRUS LYMPHOMAS	121,305
INSTITUTION TOTAL	2	289,062	
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT SAN ANTONIO			
NS62339-00	SMITH, KENDALL O	STUDY OF MULTIPLE SCLEROSIS BY RADIOIMMUNOASSAY	99,451
INSTITUTION TOTAL	1	99,451	
CITY TOTAL	3	388,513	
STATE TOTAL	19	2,345,888	
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
ES62146-00	GANDHI, OM P	EFFECTS OF MICROWAVE RADIATION ON THE NERVOUS SYSTEM	98,194
INSTITUTION TOTAL	1	98,194	
CITY TOTAL	1	98,194	
STATE TOTAL	1	98,194	
VIRGINIA			
ALEXANDRIA			
HALIFAX ENGINEERING, INC.			
LM64730-00	TO BE APPOINTED	MAINTENANCE ELECTRONICS	33,263
INSTITUTION TOTAL	1	33,263	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
VIRGINIA			
ALEXANDRIA			
INFORMATION RESEARCH AND TECHNOLOGY			
LM54714-00	NOT APPLICABLE	MAINTAIN AND UPDATE TOXICOLOGY DATA BANK	111,112
INSTITUTION TOTAL	1	111,112	
RUHL ASSOCIATES			
CP65789-00	WHITING, MARJORIE	DIETARY AND NUTRITIONAL SURVEYS AND CANCER EPIDEMIOLOGY	27,625
INSTITUTION TOTAL	1	27,625	
CITY TOTAL	3	172,000	
ARLINGTON			
AMERICAN BLOOD COMMISSION			
HB62956-00	KENNEDY, LOUANNE	ANALYSIS OF BLOOD PROCUREMENT AND SOCIAL POLICY	103,392
INSTITUTION TOTAL	1	103,392	
KAPPA SYSTEMS			
CP65824-00	NOT APPLICABLE	SYMPOSIUM ON ENVIRONMENTAL CARCINOGENS	4,632
INSTITUTION TOTAL	1	4,632	
MEDICAL SERVICE CONSULTANTS			
AM52206-00	BAUER, WILLIAM	SUPPORT SERVICES FOR THE NATIONAL COMMISSION ON DIABETES	295,734
INSTITUTION TOTAL	1	295,734	
NATIONAL DATA USE AND ACCESS LABORATORIES			
HD22707-00	BERESFORD, JOHN C	DEVELOPMENT OF 1960 AND 1970 CENSUS ONE-PERCENT SAMPLES	235,403
INSTITUTION TOTAL	1	235,403	
TYMSHARE, INC.			
LM34710-00	COMBS, WILLIAM	MULTIPLE USER SIMULATION STUDY	39,280
INSTITUTION TOTAL	1	39,280	
CITY TOTAL	5	678,441	
MC LEAN			
MITRE CORPORATION			
LM64727-00	GROVER, F T	HELP DEVELOP A COMPETITIVE COMPUTER SYSTEM RFP PACKAGE	29,614

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
VIRGINIA			
MC LEAN			
MITRE CORPORATION			
LM64728-00	O'NEILL, JOHN	EVALUATION PLANNING & COORDINATION--CTS EXPERIMENTS	45,882
INSTITUTION TOTAL	2	75,496	
CITY TOTAL	2	75,496	
RICHMOND			
VIRGINIA COMMONWEALTH UNIVERSITY			
DE62494-00	FREER, RICHARD J	SMALL SYNTHETIC PEPTIDES AS LEUCOCYTES CHEMOATTRACTANTS	63,806
INSTITUTION TOTAL	1	63,806	
CITY TOTAL	1	63,806	
VIENNA			
ENVIRONMENTAL SCIENCES CORPORATION--HAZLETON LABORATORIES			
RR62150-00	BOYD, DALE D	ESTABLISH & MAINTAIN A RHESUS MONKEY BREEDING COLONY	554,383
CM67080-00	GOOD, ROBERT C	DETERMINATIVE AND DIAGNOSTIC MICROBIOLOGICAL STUDIES	408,372
INSTITUTION TOTAL	2	962,755	
CITY TOTAL	2	962,755	
STATE TOTAL	13	1,952,498	
WASHINGTON			
PULLMAN			
WASHINGTON STATE UNIVERSITY			
CB63986-00	HOSICK, HOWARD L	DIFFERENTIATION OF MAMMARY EPITHELIAL CELLS	28,000
INSTITUTION TOTAL	1	28,000	
CITY TOTAL	1	28,000	
SEATTLE			
CHILDREN'S ORTHOPEDIC HOSPITAL AND MEDICAL CENTER			
HD22738-00	BERGMAN, ABRAHAM B	MANAGEMENT OF SUDDEN INFANT-DEATH SYNDROME	108,704
CP65790-00	BERNSTEIN, ILENE	EVALUATION OF THE ROLE OF LEARNED FOOD AVERSIONS	44,153
INSTITUTION TOTAL	2	152,857	
FRED HUTCHINSON CANCER RESEARCH CENTER			
CB64067-00	HAKOMORI, SEN-ITIROH	BIOCHEMISTRY OF NORMAL AND TUMOR CELL SURFACE ANTIGENS	60,297
INSTITUTION TOTAL	1	60,297	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
CB64068-00	ALEXANDER, E R	DIAGNOSTIC APPLICATIONS OF HUMAN TUMOR ANTIGENS	100,685
HB62962-00	BABB, ALBERT L	RED CELL DISTRIBUTIONS IN CYANATE-TREATED BLOOD	90,000
AG62145-00	BOWDEN, DOUGLAS M	MACACA NEMESTRINA COMPARABILITY AS A HUMAN AGING MODEL	20,479
RR52117-00	CHRISTOPHER, GRAHAM T	CLINICAL RESEARCH DATA MANAGEMENT AND ANAYSIS SYSTEM	69,058
ES62133-00	LOVELY, RICHARD H	EFFECTS OF MICROWAVE RADIATION ON THE NERVOUS SYSTEM	78,432
LM34706-00	TO BE APPOINTED	ALASKA SATELLITE COMMUNICATION PARTICIPATION	16,458
NS62341-00	WARD, ARTHUR A, JR	COMPREHENSIVE EPILEPSY PROGRAM	728,750
INSTITUTION TOTAL	7	1,103,862	
CITY TOTAL	10	1,317,016	
STATE TOTAL	11	1,345,016	
WEST VIRGINIA			
AUGUSTA			
MOUNT PLEASANT BOOKBINDER			
LM54712-00	NOT APPLICABLE	REPAIR, RESTORATION AND CUSTOM REBINDING OF RARE BOOKS	4,000
LM34707-00	SMITH, RICHARD A	REPAIR, RESTORATION, AND REBINDING RARE OLD BOOKS	4,000
INSTITUTION TOTAL	2	8,000	
CITY TOTAL	2	8,000	
STATE TOTAL	2	8,000	
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
HD42815-00	BUMPASS, LARRY L	MICROFILMING SERVICES	3,060
CP65784-00	GORMICAN, ANNETTE T	DIETETIC PRACTICES USED IN FEEDING CANCER PATIENTS	30,485
HR62936-00	RANKIN, JOHN	PREVALENCE OF SPECIFIC HL-A ANTIGENS AND LUNG DISEASE	110,000
HR62952-00	ZACHMAN, RICHARD	ANTENATAL STEROID THERAPY EFFICACY IN NEONATAL RDS	6,270
INSTITUTION TOTAL	4	149,815	
CITY TOTAL	4	149,815	
MILWAUKEE			
MEDICAL COLLEGE OF WISCONSIN			
HB62964-00	RIMM, ALFRED A	INTERNATIONAL BONE MARROW TRANSPLANT REGISTRY	10,590
HR62940-00	RODEY, GLENN E	PREVALENCE OF SPECIFIC HL-A ANTIGENS IN PIGEON BREEDERS	23,859
INSTITUTION TOTAL	2	34,449	

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
WISCONSIN			
MILWAUKEE			
MOUNT SINAI MEDICAL CENTER			
HB62963-00	BORTIN, MORTIMER M	INTERNATIONAL BONE MARROW TRANSPLANT REGISTRY	26,460
INSTITUTION TOTAL	1	26,460	
CITY TOTAL	3	60,909	
STATE TOTAL	7	210,724	
ARGENTINA			
BUENOS AIRES			
UNIVERSITY OF BUENOS AIRES			
CB64063-00	ROJAS, ALEJANDRO F	LEVAMISOLE IN THE TREATMENT OF SQUAMOUS CELL CARCINOMA	78,495
INSTITUTION TOTAL	1	78,495	
CITY TOTAL	1	78,495	
STATE TOTAL	1	78,495	
CANADA			
QUEBEC			
LAVAL UNIVERSITY			
HD22714-00	ENGEL, CHARLES R	SYNTHESIS OF STEROIDAL ANTIFERTILITY COMPOUNDS	110,772
INSTITUTION TOTAL	1	110,772	
CITY TOTAL	1	110,772	
STATE TOTAL	1	110,772	
CHINA REPUBLIC			
TAIPEI			
DONALD DEXTER VAN SLYKE MEMORIAL FOUNDATION			
AM62210-00	PHILLIPS, ROBERT A	GI DIALYSIS AS ADJUNCT TO THERAPY OF RENAL FAILURE	86,835
INSTITUTION TOTAL	1	86,835	
CITY TOTAL	1	86,835	
STATE TOTAL	1	86,835	
COLOMBIA			
CALI			
UNIVERSITY OF VALLE			
CP61037-00	DUENAS, ALVARO	HLA AND LYMPHOMA CASE CONTROL STUDY IN COLUMBIA	19,500

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
INSTITUTION TOTAL	1	19,500		
CITY TOTAL	1	19,500		
STATE TOTAL	1	19,500		
FINLAND				
HELSINKI				
UNIVERSITY OF HELSINKI				
CB64032-00	HAYRY, PEKKA J		EFFECTOR MECHANISMS IN CANCER REJECTION	50,000
INSTITUTION TOTAL	1	50,000		
CITY TOTAL	1	50,000		
TURKU				
UNIVERSITY OF TURKU				
CB64070-00	HAKKINEN, ILKKA P		SCREENING FOR GASTRIC CANCER	36,160
INSTITUTION TOTAL	1	36,160		
CITY TOTAL	1	36,160		
STATE TOTAL	2	86,160		
FRANCE				
LYON				
WORLD HEALTH ORGANIZATION--INTERNATIONAL AGENCY FOR RESEARCH ON CANCER				
CB64026-00	PRITCHARD, W A		ALTERATIONS & RENOVATIONS TO INTERNATIONAL AGENCY	330,000
INSTITUTION TOTAL	1	330,000		
CITY TOTAL	1	330,000		
STATE TOTAL	1	330,000		
ISRAEL				
JERUSALEM				
HEBREW UNIVERSITY OF JERUSALEM				
CB64050-00	KEDAR, ELI		IMMUNOTHERAPY OF MURINE LEUKEMIAS	79,182
AM32204-00	MENCZEL, JACOB		OSTEOPOROSIS: RELATIONSHIP OF NUTRITIONAL FACTORS	52,618
INSTITUTION TOTAL	2	131,800		
CITY TOTAL	2	131,800		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR		SCOPE OF WORK	DOLLARS AWARDED
ISRAEL				
REHOVOTH				
WEIZMANN INSTITUTE OF SCIENCE				
CB64049-00	ARNON, RUTH		ANTIBODY-DRUG CONJUGATES IN THE IMMUNOTHERAPY	92,250
INSTITUTION TOTAL	1	92,250		
CITY TOTAL	1	92,250		
STATE TOTAL	3	224,050		
ITALY				
MILAN				
MARIO NEGRI INSTITUTE FOR PHARMACOLOGICAL RESEARCH				
HD22733-00	GARATTINI, SILVIO		COMPARATIVE PHARMACOLOGY OF STEROID CONTRACEPTIVE DRUGS	172,000
CM67064-00	GARATTINI, SILVIO		ANTINEOPLASTIC DRUG KINETICS	67,482
INSTITUTION TOTAL	2	239,482		
CITY TOTAL	2	239,482		
PERUGIA				
UNIVERSITY OF PERUGIA				
CB64054-00	BONNASSAR, ENZO		DRUG MODIFIED TUMOR ANTIGENS AS IMMUNOTHERAPY	73,500
INSTITUTION TOTAL	1	73,500		
CITY TOTAL	1	73,500		
STATE TOTAL	3	312,982		
NETHERLANDS				
RIJSWIJK				
NETHERLANDS CENTRAL ORGANIZATION TNO				
CB64038-00	MARQUET, R L		IMMUNOGENICITY OF "SPONTANEOUS" ANIMAL TUMORS	42,000
INSTITUTION TOTAL	1	42,000		
CITY TOTAL	1	42,000		
STATE TOTAL	1	42,000		
NORWAY				
TRONDHEIM				
UNIVERSITY OF TRONDHEIM				
HD42812-00	EIK-NES, KRISTEN B		STUDY OF ANDROGENS IN MALE SEX ORGANS	95,860
INSTITUTION TOTAL	1	95,860		

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RESEARCH CONTRACTS

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	1	95,860	
STATE TOTAL	1	95,860	
SWEDEN			
STOCKHOLM			
CAROLINE INSTITUTE			
CB64023-00	KLEIN, EVA	CELLS INVOLVED IN THE IMMUNE RESPONSE TO TUMORS	39,500
INSTITUTION TOTAL	1	39,500	
CITY TOTAL	1	39,500	
UPPSALA			
UNIVERSITY OF UPPSALA			
CB64033-00	WIGZELL, HANS	CELLS INVOLVED IN THE IMMUNE RESPONSE TO TUMORS	42,000
INSTITUTION TOTAL	1	42,000	
CITY TOTAL	1	42,000	
STATE TOTAL	2	81,500	
UNITED KINGDOM			
LONDON			
BROMPTON HOSPITAL			
HP62935-00	TURNER-WARWICK, MARGARET	HISTOCOMPATIBILITY ANTIGENS/ HYPERSENSITIVITY LUNG DISEASES	32,126
INSTITUTION TOTAL	1	32,126	
CITY TOTAL	1	32,126	
NEWCASTLE-UPON-TYNE			
UNIVERSITY OF NEWCASTLE UPON TYNE			
NS62337-00	ROBERTS, DEREK F	MULTIPLE SCLEROSIS IN THE ORKNEY AND SHETLAND ISLANDS	39,179
INSTITUTION TOTAL	1	39,179	
CITY TOTAL	1	39,179	
NOTTINGHAM			
UNIVERSITY OF NOTTINGHAM			
CB64042-00	BALDWIN, ROBERT W	IMMUNOTHERAPY OF C3H MURINE MAMMARY CARCINOMA	80,650
CB64009-00	EMBLETON, MICHAEL J	IMMUNOGENICITY OF SPONTANEOUS ANIMAL TUMORS	60,000
INSTITUTION TOTAL	2	140,650	

CONTRACT NUMBER	PROJECT DIRECTOR	SCOPE OF WORK	DOLLARS AWARDED
CITY TOTAL	2		140,650
STATE TOTAL	4		211,955
TOTAL	377		44,929,236

NIH
RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
CALIFORNIA			
BERKELEY			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT BERKELEY			
CA09133-01	MENDELSOHN, MORTIMER L	CELL CYCLE ANALYSIS: NORMAL AND MALIGNANT CELLS	16,956
INSTITUTION TOTAL	1	16,956	
CITY TOTAL	1	16,956	
STATE TOTAL	1	16,956	
CONNECTICUT			
FARMINGTON			
UNIVERSITY OF CONNECTICUT HEALTH CENTER			
DE07004-01	WEISENBERG, MATISYOHU	PAIN CONTROL AND HUMAN MOTIVATION	37,248
INSTITUTION TOTAL	1	37,248	
CITY TOTAL	1	37,248	
STATE TOTAL	1	37,248	
NEW YORK			
BUFFALO			
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
CA09170-01	ZELEN, MARVIN	BIOMETRY AND CANCER	37,323
INSTITUTION TOTAL	1	37,323	
CITY TOTAL	1	37,323	
NEW YORK			
COLUMBIA UNIVERSITY			
HD07040-01	STEIN, ZENA A	EPIDEMIOLOGY OF MENTAL RETARDATION RESEARCH	149,473
INSTITUTION TOTAL	1	149,473	
SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH			
CA09149-01	CHOI, YONG S	IMMUNOLOGY RESEARCH	180,009
INSTITUTION TOTAL	1	180,009	
CITY TOTAL	2	329,482	
STATE TOTAL	3	366,805	

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RESEARCH TRAINING GRANTS

GRANT NUMBER	PROGRAM DIRECTOR	TITLE OF PROGRAM	DOLLARS AWARDED
PENNSYLVANIA			
PHILADELPHIA			
WISTAR INSTITUTE OF ANATOMY AND BIOLOGY			
CA09171-01	KOPROWSKI, HILARY	BASIC CANCER RESEARCH	219,876
INSTITUTION TOTAL	1	219,876	
CITY TOTAL	1	219,876	
STATE TOTAL	1	219,876	
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
CA09147-01	KOMP, DIANE M	PEDIATRIC ONCOLOGY	42,016
CA09109-01	WAGNER, ROBERT R	CANCER RESEARCH--MOLECULAR BIOLOGY	91,904
INSTITUTION TOTAL	2	133,920	
CITY TOTAL	2	133,920	
STATE TOTAL	2	133,920	
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
CA09081-01	JACKSON, KENNETH L	RADIOLOGICAL SCIENCES	43,901
INSTITUTION TOTAL	1	43,901	
CITY TOTAL	1	43,901	
STATE TOTAL	1	43,901	
TOTAL	9	818,706	

NIH
RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CALIFORNIA			
DUARTE			
CITY OF HOPE MEDICAL CENTER			
TW02421-01	STENMAN, ULF-HAKAN E	HORMONE/VITAMIN BIOCHEMISTRY	F05
INSTITUTION TOTAL 1			
CITY TOTAL 1			
LA JOLLA			
SALK INSTITUTE FOR BIOLOGICAL STUDIES			
TW02380-01	DE PREVAL, CLAUDE A	BIOCHEMICAL AND MOLECULAR GENETICS	F05
INSTITUTION TOTAL 1			
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
AI05345-01	BERMAN, MONIQUE S	IMMUNOLOGY	F32
INSTITUTION TOTAL 1			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
TW02361-01	HEDENSTIERNA, CLAES G	CARDIOVASCULAR/PULMONARY PHYSIOLOGY	F05
TW02373-01	OTNAESS, ANNE-BRIT K	PROTEIN/AMINO ACID BIOCHEMISTRY	F05
TW02432-01	ROUX, LAURENT	BIOCHEMICAL AND MOLECULAR GENETICS	F05
TW02413-01	TULLOCH, BRIAN R	ENDOCRINOLOGY	F05
INSTITUTION TOTAL 4			
CITY TOTAL 6			
LOS ANGELES			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
TW02362-01	JORNVALL, HANS E	PROTEIN/AMINO ACID BIOCHEMISTRY	F05
INSTITUTION TOTAL 1			
CITY TOTAL 1			
PASADENA			
CALIFORNIA INSTITUTE OF TECHNOLOGY			
AI05360-01	EWALD, SANDRA J	IMMUNOCHEMISTRY	F32
INSTITUTION TOTAL 1			
CITY TOTAL 1			

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CALIFORNIA			
RIVERSIDE			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT RIVERSIDE			
AI05312-01	GILLIG, CLARENCE J, III	PARASITOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
SAN FRANCISCO			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN FRANCISCO			
AG05005-01	GARFIELD, CHARLES A	AGING PROCESS	F32
TW02384-01	GLUCKMAN, PETER D	PEDIATRIC ENDOCRINOLOGY	F05
TW02371-01	LEKVEN, JON	CARDIOVASCULAR/PULMONARY PHYSIOLOGY	F05
TW02342-01	VENEGAS, HECTOR A	BIOCHEMICAL AND MOLECULAR GENETICS	F05
INSTITUTION TOTAL	4		
CITY TOTAL	4		
STANFORD			
STANFORD UNIVERSITY			
TW02355-01	SHLOMAI, JOSEPH	MOLECULAR BIOLOGY	F05
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	15		
COLORADO			
DENVER			
NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER			
AI05343-01	ETLINGER, HOWARD M	IMMUNOLOGY	F32
AI05334-01	YAMAGA, KAREN M	IMMUNOLOGY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
AM05389-01	RACUSEN, LORRAINE C	GASTROINTESTINAL PHYSIOLOGY	F32
INSTITUTION TOTAL	1		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CITY TOTAL	1		
STATE TOTAL	1		
ILLINOIS			
CHICAGO			
UNIVERSITY OF CHICAGO			
TW02338-01	VAN DER WESTHUYZEN, DENEYS R	MOLECULAR BIOLOGY	F05
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
KANSAS			
KANSAS CITY			
UNIVERSITY OF KANSAS			
TW02378-01	WIERZBA, KONSTANTY	TOXICOLOGY/PHARMACODYNAMICS	F05
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
MAINE			
BAR HARBOR			
JACKSON LABORATORY			
TW02438-01	VAN ZUTPHEN, L F	BIOCHEMICAL AND MOLECULAR GENETICS	F05
INSTITUTION TOTAL	1		
CITY TOTAL	1		
ORONO			
UNIVERSITY OF MAINE SYSTEM--UNIVERSITY OF MAINE AT ORONO			
AI05348-01	HUMBER, RICHARD A	BACTERIOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
TW02446-01	MAES, MARC W	PHARMACO-ENDOCRINOLOGY	F06
TW02436-01	SIPKEMA, PIETER	BIOPHYSICS	F05
INSTITUTION TOTAL	2		
CITY TOTAL	2		
BETHESDA			
U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE--NATIONAL INSTITUTES OF HEALTH			
AI05336-01	BOTTOMLY, HELEN K	IMMUNOLOGY	F32
TW02390-01	HIRATA, FUSAO	ENZYME/METABOLISM BIOCHEMISTRY	F05
TW02427-01	MULLER, PETER K	BIOCHEMICAL AND MOLECULAR GENETICS	F05
TW02418-01	PELKONEN, REINO O	BIOCHEMISTRY	F05
TW02392-01	TAWADA, KATSUHISA	ENERGY EXCHANGE	F05
TW02364-01	WASTESON, AKE J	CARBOHYDRATE BIOCHEMISTRY	F05
AI05339-01	WRIGHT, DANIEL G	INFECTIOUS DISEASES	F32
TW02429-01	ZRENNER, EBERHART	NEURO/MUSCULAR PHYSIOLOGY	F05
INSTITUTION TOTAL	8		
CITY TOTAL	8		
STATE TOTAL	10		
MASSACHUSETTS			
BOSTON			
AFFILIATED HOSPITALS CENTER--PETER BENT BRIGHAM HOSPITAL			
AI05358-01	SPIEKER-POLET, HELGA	CELL BIOLOGY	F32
INSTITUTION TOTAL	1		
AFFILIATED HOSPITALS CENTER--ROBERT BRECK BRIGHAM HOSPITAL			
TW02405-01	VADAS, MATHEW A	EXPERIMENTAL PATHOLOGY	F05
INSTITUTION TOTAL	1		
BOSTON UNIVERSITY			
AG05007-01	BOROD, JOAN C	CLINICAL TESTING AND DIAGNOSTIC TECHNIQUES	F32
TW02407-01	REDGRAVE, TREVOR G	MEMBRANE TRANSPORT	F05
INSTITUTION TOTAL	2		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
MASSACHUSETTS			
BOSTON			
CHILDREN'S HOSPITAL MEDICAL CENTER			
AG05000-01	STIMLER, NORMA S	AGING PROCESS	F32
INSTITUTION TOTAL	1		
HARVARD UNIVERSITY			
TW02365-01	HSIEH, KUE H	CELL BIOLOGY	F05
TW02381-01	PIERRES, MICHEL	BIOCHEMICAL AND MOLECULAR GENETICS	F05
TW02416-01	REEVE, JONATHAN	ENDOCRINE PHYSIOLOGY	F05
AG05015-01	SELSKY, CLIFFORD A	MOLECULAR BIOLOGY	F32
INSTITUTION TOTAL	4		
MASSACHUSETTS GENERAL HOSPITAL			
AI05338-01	ZURAWSKI, VINCENT R	IMMUNOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	10		
CAMBRIDGE			
HARVARD UNIVERSITY			
TW02356-01	HAAS, ELISHA	PHYSICAL BIOCHEMISTRY	F05
AI05366-01	LAIRD, WALTER J	MICROBIAL BIOCHEMISTRY	F32
TW02385-01	PASTRANA, RICARDO	BIOCHEMICAL AND MOLECULAR GENETICS	F05
INSTITUTION TOTAL	3		
MASSACHUSETTS INSTITUTE OF TECHNOLOGY			
TW02360-01	AHLENIUS, SVEN E	NEUROANATOMY	F05
INSTITUTION TOTAL	1		
CITY TOTAL	4		
STATE TOTAL	14		
MINNESOTA			
ROCHESTER			
MAYO FOUNDATION			
TW02349-01	DORANTES, LUIS M	ENDOCRINOLOGY	F05
INSTITUTION TOTAL	1		
CITY TOTAL	1		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
STATE TOTAL	1		
MISSOURI			
UNIVERSITY CITY			
WASHINGTON UNIVERSITY			
TW02387-01	MOYA, FERNANDO	MOLECULAR BIOLOGY	F05
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NEW JERSEY			
PRINCETON			
PRINCETON UNIVERSITY			
AI05308-01	ADOLPH, KENNETH W	MOLECULAR STRUCTURE	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
NEW YORK			
ITHACA			
CORNELL UNIVERSITY			
TW02382-01	RENAUD, BERNARD	NEUROPHARMACOLOGY	F05
INSTITUTION TOTAL	1		
CITY TOTAL	1		
NEW YORK			
CORNELL UNIVERSITY MEDICAL CENTER			
TW02455-01	MORGANTI, ALBERTO A	CARDIOVASCULAR/PULMONARY PHYSIOLOGY	F05
AI05333-01	SZEWCZUK, MYRON R	IMMUNOLOGY	F32
INSTITUTION TOTAL	2		
NEW YORK UNIVERSITY			
TW02379-01	BARRITAULT, DENIS S	MOLECULAR BIOLOGY	F05
AI05294-01	LUSTIG, HANNAH J	TROPICAL MEDICINE	F32
INSTITUTION TOTAL	2		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
NEW YORK			
NEW YORK			
ROCKEFELLER UNIVERSITY			
TW02453-01	FERRARINI, MANLIO	IMMUNOLOGY	F05
INSTITUTION TOTAL	1		
CITY TOTAL	5		
SARANAC LAKE			
TRUDEAU INSTITUTE			
AI05287-01	MURPHY, JAMES R	IMMUNOLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	7		
NORTH CAROLINA			
CHAPEL HILL			
UNIVERSITY OF NORTH CAROLINA SYSTEM--UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL			
AM05277-01	SMITH, RICHARD L	GASTROENTEROLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
PENNSYLVANIA			
PHILADELPHIA			
UNIVERSITY OF PENNSYLVANIA			
TW02359-01	ABRAMSKY, ODED	NEUROLOGY	F05
TW02444-01	FOIDART, JEAN-MICHEL	ENZYME/METABOLISM BIOCHEMISTRY	F05
INSTITUTION TOTAL	2		
CITY TOTAL	2		
PITTSBURGH			
UNIVERSITY OF PITTSBURGH			
AM05379-01	DUFFEY, MICHAEL E	GASTROINTESTINAL PHYSIOLOGY	F32
TW02403-01	KEOGH, EDWARD J	REPRODUCTIVE PHYSIOLOGY	F05
AM05397-01	KRIER, JACOB	NEUROPHARMACOLOGY	F32
INSTITUTION TOTAL	3		

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
CITY TOTAL	3		
STATE TOTAL	5		
TEXAS			
DALLAS			
BAYLOR UNIVERSITY MEDICAL CENTER			
TW02434-01	BURGER, ELISABETH H	ENDOCRINE PHYSIOLOGY	F05
INSTITUTION TOTAL	1		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
TW02351-01	MEDINA, MARTHA	ENDOCRINOLOGY	F05
INSTITUTION TOTAL	1		
CITY TOTAL	2		
STATE TOTAL	2		
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
AI05350-01	KNAUERT, FREDRICK K	VIROLOGY	F32
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
VIRGINIA			
CHARLOTTESVILLE			
UNIVERSITY OF VIRGINIA			
AI05327-01	DUBOVI, EDWARD J	VIROLOGY	F32
AI05292-01	MELLON, MARGARET D	VIROLOGY	F32
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
TW02414-01	ZALIN, ROSALIND J	CELL PHYSIOLOGY	F05

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RESEARCH FELLOWSHIP AWARDS

APPLICATION NUMBER	FELLOW	FIELD OF INTEREST	PROGRAM
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
AMC5331-01	KUMAR, RAJIV	METABOLIC DISEASES	F32
TWC2295-01A1	RAGHURAMULU, NAMALA	HUMAN/CLINICAL NUTRITION	F05
TW02346-01	RODRIGUEZ, JULIO A	CYTO/HISTO CHEMISTRY	F05
INSTITUTION TOTAL	3		
CITY TOTAL	3		
STATE TOTAL	3		
TOTAL	71		

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
ALABAMA			
BIRMINGHAM			
UNIVERSITY OF ALABAMA IN BIRMINGHAM			
EY00026-01A1	KLEINSTEIN, ROBERT N	EYE DISORDERS IN AN URBAN POPULATION	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
CALIFORNIA			
IRVINE			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT IRVINE			
GM00233-01	HAMKALO, BARBARA A	ULTRASTRUCTURAL ASPECTS OF GENE REGULATION	K04
CA00208-01	SUTHERLAND, JOHN C	PHYSICAL STUDIES OF THE PHOTOREACTIVATING ENZYME	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
LA JOLLA			
SCRIPPS CLINIC AND RESEARCH FOUNDATION			
CA00228-01	RUSSELL, STEPHEN W	CAUSES OF SPONTANEOUS TUMOR REGRESSION	K04
INSTITUTION TOTAL	1		
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT SAN DIEGO			
HL00190-01	ASHRAF, MUHAMMAD	ISCHEMIC HEART ULTRASTRUCTURE: MODIFICATION BY THERAPY	K04
HL00206-01	KYTE, JACK E	MOLECULAR STRUCTURE OF THE OUABAIN SENSITIVE ATPASE	K04
GM00264-01	NINNEMANN, JOHN L	IMMUNE RESPONSE DURING THERMAL INJURY	K04
HL00126-01A1	SHIBEL-CONRIQUE, ELAINE M	PULMONARY ACADEMIC AWARD	K07
INSTITUTION TOTAL	4		
CITY TOTAL	5		
LOS ANGELES			
UNIVERSITY OF CALIFORNIA SYSTEM--UNIVERSITY OF CALIFORNIA AT LOS ANGELES			
GM00228-01	WISNIEWSKI, BERNADINE J	PHYSICAL STRUCTURE OF ANIMAL CELL MEMBRANES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
CALIFORNIA			
SAN FRANCISCO			
CALIFORNIA STATE UNIVERSITY AND COLLEGES--SAN FRANCISCO STATE UNIVERSITY			
GM00227-01	WALKER, FRANCES A	HEME AND MO PROTEIN MODELS: SPECTRA AND REDOX STUDIES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STANFORD			
STANFORD UNIVERSITY			
GM00225-01	SIMONI, ROBERT D	STRUCTURE-FUNCTION RELATIONSHIPS IN MEMBRANES	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	10		
COLORADO			
DENVER			
NATIONAL JEWISH HOSPITAL AND RESEARCH CENTER			
AI00133-01	CHILLER, JACQUES M	CELLULAR BASIS OF IMMUNOREGULATORY MECHANISMS	K04
GM00189-01	PACE, NORMAN R	SYNTHESIS AND REGULATION OF RIBOSOMAL RNA	K04
INSTITUTION TOTAL	2		
UNIVERSITY OF COLORADO MEDICAL CENTER			
AI00125-01	MOORHEAD, JOHN W	INTERACTION OF T-CELLS IN IMMUNITY AND TOLERANCE	K04
INSTITUTION TOTAL	1		
CITY TOTAL	3		
STATE TOTAL	3		
CONNECTICUT			
NEW HAVEN			
YALE UNIVERSITY			
AM00232-01	DOBBINS, JOHN W	LITHIUM AND INTESTINAL ABSORPTION AND SECRETION	K08
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
FLORIDA			
GAINESVILLE			
STATE UNIVERSITY OF FLORIDA SYSTEM--UNIVERSITY OF FLORIDA			
EY00031-01A1	MC CAREY, BERNARD E	CORNEAL ENDOTHELIAL MORPHOLOGY AND FUNCTION	K07
HL00122-01A1	WYNNE, JAMES W	PULMONARY ACADEMIC AWARD	K07
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	2		
GEORGIA			
ATLANTA			
UNIVERSITY SYSTEM OF GEORGIA--GEORGIA INSTITUTE OF TECHNOLOGY			
EY00073-01	YU, NAI-TENG	NEW METHODS FOR BIOMEDICAL RESEARCH	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
HAWAII			
HONOLULU			
UNIVERSITY OF HAWAII SYSTEM--UNIVERSITY OF HAWAII AT MANOA			
HL00216-01	MORISHIGE, WALTER K	HORMONAL REGULATION OF LUNG FUNCTION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		
ILLINOIS			
CHICAGO			
NORTHWESTERN UNIVERSITY			
GM00173-01	HINKLEY, ROBERT E, JR	VOLATILE ANESTHETICS ON NERVE CELL STRUCTURE & FUNCTION	K04
INSTITUTION TOTAL	1		
UNIVERSITY OF CHICAGO			
GM00224-01	AGARWAL, KAN L	NUCLEIC ACID--PROTEIN INTERACTIONS	K04
HL00252-01	GEPPERT, EUGENE F	PULMONARY DISEASES	K08
INSTITUTION TOTAL	2		

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
ILLINOIS			
CHICAGO			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE			
AM00216-01	OSCAI, LAWRENCE B	EXERCISE AND LIPID METABOLISM	K04
INSTITUTION TOTAL 1			
CITY TOTAL 4			
DE KALB			
NORTHERN ILLINOIS UNIVERSITY			
GM00249-01	ERMAN, JAMES E	ELECTRON TRANSFER AND HEME PROTEIN REACTIVITY	K04
INSTITUTION TOTAL 1			
CITY TOTAL 1			
URBANA			
UNIVERSITY OF ILLINOIS SYSTEM--UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN			
GM00193-01	GLASER, MICHAEL	ROLE OF PHOSPHOLIPIDS IN MEMBRANES AND CELL GROWTH	K04
GM00160-01	ORDAL, GEORGE W	CHEMOTAXIS AND PHOTOTAXIS IN BACTERIA	K04
INSTITUTION TOTAL 2			
CITY TOTAL 2			
STATE TOTAL 7			
IOWA			
IOWA CITY			
UNIVERSITY OF IOWA			
GM00265-01	NEWLON, CAROL S	YEAST DNA REPLICATION	K04
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 1			
LOUISIANA			
NEW ORLEANS			
TULANE UNIVERSITY			
AM00222-01	WEINSTEIN, ALLAN M	IMPLANT PERFORMANCE EVALUATION AND ATTACHMENT TO BONE	K04
INSTITUTION TOTAL 1			
CITY TOTAL 1			

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
STATE TOTAL	1		
MARYLAND			
BALTIMORE			
JOHNS HOPKINS UNIVERSITY			
GM00241-01	LIN, SHIN	SUGAR TRANSPORT AND CELL MOVEMENT IN MAMMALIAN CELLS	K04
AM00214-01	MITCH, WILLIAM E	NUTRITIONAL THERAPY OF UREMIA	K08
AM00244-01	VALLE, DAVID L	GENETIC APPROACH TO PROLINE AND COLLAGEN METABOLISM	K08
INSTITUTION TOTAL	3		
CITY TOTAL	3		
STATE TOTAL	3		
MASSACHUSETTS			
BOSTON			
BOSTON UNIVERSITY			
HL00246-01	MAKE, BARRY	PULMONARY ACADEMIC AWARD	K07
INSTITUTION TOTAL	1		
HARVARD UNIVERSITY			
GM00231-01	GOODENOUGH, DANIEL A	STRUCTURE & FUNCTION OF LIVER & HEART GAP JUNCTIONS	K04
AI00126-01	KASPER, DENNIS L	IMMUNOCHEMISTRY OF BACTERIAL ANTIGENS	K04
GM00194-01	MC NEIL, BARBARA J	MEASURES OF EFFICACY IN RADIOLOGY AND NUCLEAR MEDICINE	K04
INSTITUTION TOTAL	3		
MASSACHUSETTS GENERAL HOSPITAL			
HD00132-01	BEITINS, INESE Z	GONADOTROPIN HETEROGENEITY	K04
GM00199-01	MILLER, KEITH W	MOLECULAR PHARMACOLOGY OF GENERAL ANESTHETIC ACTION	K04
INSTITUTION TOTAL	2		
NEW ENGLAND MEDICAL CENTER HOSPITALS			
HL00235-01	FURIE, BARBARA C	METAL DEPENDENT COMPLEX FORMATION IN BLOOD COAGULATION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	7		
CAMBRIDGE			
HARVARD UNIVERSITY			
GM00234-01	ELGIN, SARAH C	CHROMOSOMAL PROTEINS AND GENE EXPRESSION IN DROSOPHILA	K04
INSTITUTION TOTAL	1		

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
CITY TOTAL 1			
MASSACHUSETTS			
WALTHAM			
BRANDEIS UNIVERSITY			
GM00212-01	WENSINK, PIETER C	SEQUENCE ARRANGEMENT IN EUKARYOTIC DNA AND CHROMOSOMES	K04
INSTITUTION TOTAL 1			
CITY TOTAL 1			
WORCESTER			
UNIVERSITY OF MASSACHUSETTS SYSTEM--UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL			
GM00273-01	MARINUS, MARTIN G	FUNCTION OF METHYLATED BASES IN NUCLEIC ACIDS	K04
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 10			
MICHIGAN			
DETROIT			
WAYNE STATE UNIVERSITY			
EY00045-01	ZWAS, FRED	PSYCHOPHYSICAL STUDIES OF RETINITIS PIGMENTOSA	K07
INSTITUTION TOTAL 1			
CITY TOTAL 1			
EAST LANSING			
MICHIGAN STATE UNIVERSITY			
CA00238-01	MILLER, HAROLD C	FUNCTIONAL DIVERSITY OF DIFFERENTIATING LYMPHOCYTES	K04
INSTITUTION TOTAL 1			
CITY TOTAL 1			
STATE TOTAL 2			
MISSOURI			
SAINT LOUIS			
ST. LOUIS UNIVERSITY			
HL00251-01	SECKER-WALKER, ROGER H	PULMONARY ACADEMIC AWARD	K07
INSTITUTION TOTAL 1			

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
CITY TOTAL	1		
MISSOURI			
UNIVERSITY CITY			
WASHINGTON UNIVERSITY			
NS00162-01	KIM, DUCK O	INNER EAR AND COCHLEAR NUCLEUS MECHANISMS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
NEW YORK			
BUFFALO			
STATE UNIVERSITY OF NEW YORK AT BUFFALO			
GM00262-01	LI, HSUEH-JEI	PROTEIN-DNA INTERACTION AND CHROMATIN STRUCTURE	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
ITHACA			
CORNELL UNIVERSITY			
GM00185-01	ROBERTS, JEFFREY W	GENE CONTROL IN INFECTION & LYSOGENY BY PHAGE LAMBDA	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
NEW YORK			
COLUMBIA UNIVERSITY			
GM00209-01	COLE, PATRICIA E	BIOPHYSICAL STUDIES OF GENE EXPRESSION	K04
HL00185-01	FENOGLIO, JOHN J, JR	GENESIS OF ARRHYTHMIAS FOLLOWING MYOCARDIAL INFARCTION	K04
AM00198-01	KOOPMANS, HENRY S	THE REGULATION OF FOOD INTAKE AND BODY FAT	K04
INSTITUTION TOTAL	3		
YESHIVA UNIVERSITY			
AM00219-01	LEE, KWANG-SUN	PLASMA FREE FATTY ACIDS AND BILIRUBIN TOXICITY	K08
INSTITUTION TOTAL	1		
CITY TOTAL	4		

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
NEW YORK			
ROCHESTER			
UNIVERSITY OF ROCHESTER			
GM00221-01	HINKLE, DAVID C	ENZYMATIC MECHANISM OF DNA REPLICATION	K04
CA00257-01	KRUGH, THOMAS R	PHYSICOCHEMICAL STUDIES OF INTERCALATION DRUGS	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
STATE TOTAL	8		
OHIO			
CLEVELAND			
CASE WESTERN RESERVE UNIVERSITY			
AM00199-01	HOPFER, ULRICH	INTESTINAL NUTRIENT AND ELECTROLYTE TRANSPORT	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
KENT			
KENT STATE UNIVERSITY			
GM00178-01	ROE, BRUCE A	THE ROLE OF MODIFIED NUCLEOTIDES IN HUMAN TRNA	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
TOLEDO			
MEDICAL COLLEGE OF OHIO AT TOLEDO			
HL00244-01	HORTON, FRANK D, III	PULMONARY DISEASES	K08
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	3		
OKLAHOMA			
OKLAHOMA CITY			
UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER			
HL00250-01	COALSON, JACQUELINE J	PULMONARY ACADEMIC AWARD	K07
INSTITUTION TOTAL	1		
CITY TOTAL	1		

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
STATE TOTAL	1		
PENNSYLVANIA			
PHILADELPHIA			
UNIVERSITY OF PENNSYLVANIA			
HL00210-01	DANIELE, RONALD P	STRUCTURE AND FUNCTION OF THE LUNG'S IMMUNE SYSTEM	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
UNIVERSITY PARK			
PENNSYLVANIA STATE UNIVERSITY			
GM00172-01	BRENCHLEY, JEAN E	ROLE OF T-RNA IN REGULATING ENZYME SYNTHESIS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
TENNESSEE			
MEMPHIS			
UNIVERSITY OF TENNESSEE SYSTEM--UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES			
AM00187-01	DUCKWORTH, WILLIAM C	MECHANISMS OF INSULIN AND GLUCAGON DEGRADATION	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
NASHVILLE			
VANDERBILT UNIVERSITY			
GM00201-01	DALTON, LARRY R	NEW INSTRUMENTAL TECHNIQUES FOR BIOMEDICAL RESEARCH	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	2		
TEXAS			
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
HD00146-01	MOSS, ROBERT L	NEURAL CONTROL OF HORMONE RELEASE AND SEX BEHAVIOR	K04

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
TEXAS			
DALLAS			
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT DALLAS			
HL00255-01	PROUGH, RUSSELL A	METABOLISM OF FOREIGN COMPOUNDS IN LIVER AND LUNG	K04
INSTITUTION TOTAL	2		
CITY TOTAL	2		
HOUSTON			
BAYLOR COLLEGE OF MEDICINE			
HD00022-01	PECK, ERNEST J, JR	NEUROENDOCRINE CONTROL OF REPRODUCTION	K04
INSTITUTION TOTAL	1		
UNIVERSITY OF HOUSTON			
EY00052-01	HARWERTH, RONALD S	STUDIES OF BINOCULAR VISION	K07
INSTITUTION TOTAL	1		
UNIVERSITY OF TEXAS SYSTEM--UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER AT HOUSTON			
HL00245-01	MILLER, WARREN C	PULMONARY ACADEMIC AWARD	K07
GM00230-01	WEISS, KENNETH M	EVOLUTIONARY MODELS OF HUMAN HEALTH PATTERNS	K04
INSTITUTION TOTAL	2		
CITY TOTAL	4		
LUBBOCK			
TEXAS TECH UNIVERSITY			
HL00228-01	MARKWALD, ROGER R	MATRICAL MACROMOLECULAR EFFECTS ON CARDIOGENESIS	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	7		
UTAH			
SALT LAKE CITY			
UTAH STATE HIGHER EDUCATION SYSTEM--UNIVERSITY OF UTAH			
GM00237-01	CASJENS, SHERWOOD R	BACTERIOPHAGE P22 ASSEMBLY AND ITS GENETIC CONTROL	K04
INSTITUTION TOTAL	1		
CITY TOTAL	1		
STATE TOTAL	1		

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RESEARCH CAREER PROGRAM AWARDS

GRANT NUMBER	AWARDEE	PRINCIPAL AREA OF RESEARCH	PROGRAM
WASHINGTON			
SEATTLE			
UNIVERSITY OF WASHINGTON			
HL00248-01	CULVER, BRUCE H	PULMONARY ACADEMIC AWARD	K07
EY00043-01	SAARI, JOHN C	RETINOL BINDING PROTEINS--RETINOL METABOLISM & FUNCTION	K07
GM00211-01	TRAGER, WILLIAM F	ASPECTS OF THE METABOLISM OF ORAL ANTICOAGULANTS	K04
AM00151-01	WILLSON, RICHARD A	ACUTE LIVER INJURY AND FAILURE	K04
INSTITUTION TOTAL 4			
CITY TOTAL 4			
STATE TOTAL 4			
WISCONSIN			
MADISON			
UNIVERSITY OF WISCONSIN SYSTEM--UNIVERSITY OF WISCONSIN-MADISON			
CA00250-01	JEFCOATE, COLIN R	CYTOCHROME P450 CARCINOGENESIS AND STEROID SYNTHESIS	K04
GM00254-01	NORTHROP, DEXTER B	MECHANISMS OF DEHYDROGENASES/ANTIBIOTIC INACTIVATION	K04
INSTITUTION TOTAL 2			
CITY TOTAL 2			
STATE TOTAL 2			
WYOMING			
LARAMIE			
UNIVERSITY OF WYOMING			
GM00246-01	BARDEN, ROLAND E	KINETICS AND AFFINITY LABELLING OF LIPID ENZYMES	K04
NS00168-01	SMITH, DAVID V	ADAPTATION AND TASTE QUALITY CODING	K04
INSTITUTION TOTAL 2			
CITY TOTAL 2			
STATE TOTAL 2			
TOTAL 77			

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